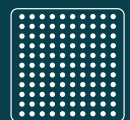
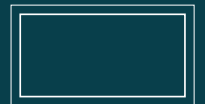




NEC Display Solutions

# Product Overview



# Product Overview

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NEC brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.



## Performance You Can Trust

NEC stands for product quality and design perfection with a reputation for superior performance and reliability, backed by an enviable pan-European support infrastructure. Focused on its customers' needs, NEC pioneers new technological advances which deliver uncompromising quality, durability and performance with a strong commitment to ecological objectives. Engineered to an exceptionally high standard, NEC brings innovation to its products to address genuine business needs; our products are ready for the most demanding mission critical applications - out of the box.

NEC Display Solutions brings together technology and expertise; every day, our innovative solutions for society contribute to greater safety, security, efficiency and equality, and enable people to live brighter lives. It is through partnership and collaboration that NEC Display Solutions is able to address specific needs across a broad range of sectors, orchestrating each project to ensure all its parts are fine-tuned to meet the customers' needs. With the widest portfolio of display and projection solutions on the market, NEC is a Total Display Solutions Provider, trusted by AV professionals the world over.



# Desktop Displays



With a comprehensive range of Display Solutions on the market, NEC has a desktop display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial applications and all are backed by our three year manufacturer warranty.

## Commercial Entry Level

AS Series Office productivity for cost conscious professionals

## Commercial Enterprise

E Series Future proof displays for the performance-oriented workplace

EA Series For the advanced ergonomic and high performance-oriented workplace

EX Series Special design for demanding workplaces in dedicated scenarios

## Professional

P Series The professional series for demanding office and industrial applications

PA Series The Reference series for demanding precision applications

## Colour Reference

SV Series The Colour Reference series for the ultimate colour accurate performance

## Medical

MD Series DICOM certified displays for primary diagnostics and clinical review for medical applications

**3**  
YEARS  
WARRANTY

UP TO  
**5**  
YEARS  
OPTIONAL  
WARRANTY

  
**ECO**  
INNOVATION

## AS Series | Commercial Entry Level

Entry level displays for cost-conscious users offering outstanding value for money and an attractive lifestyle design

22" to 24"

AS Series



## E | EA | EX Series | Commercial Enterprise

Performance-oriented displays ideal for corporate and SMB users. Advanced ergonomics and leading image quality and improved connectivity; these products have all the credentials today that will be demanded tomorrow.

17" to 24"

E Series



19" to 30"

EA Series

24"

EX Series



## P | PA Series | Professional Reference

Ideal for demanding precision applications used by creative professionals, photographers and engineers. Superb performance and 10-bit P-IPS image quality with a wide range of innovative features and upgraded connectivity, all packed into a new ergonomically designed housing.

21" to 24"

P Series

24" to 32"

PA Series



## AS Series | Commercial Entry Level

## E Series | Commercial Enterprise

AccuSync® Model / MultiSync® Model	AS222WM	AS242W	E171M	E203Wi	E223W	E224Wi	E233WM	E232WMT
Order Code	60003496 (BK)	60003810 (BK)	60003582 (BK) 60003581 (WH)	60003804 (BK) 60003805 (WH)	60003334 (BK) 60003335 (WH)	60003584 (BK) 60003583 (WH)	60003806 (BK) 60003807 (WH)	60003680 (BK)
Panel Technology	TN / W-LED	W-LED TN TFT	TN / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED
Screen Size [inch / cm]	21.5 / 54.6	24 / 61	17.0 / 43.2	20.0 / 50.8	22.0 / 55.9	21.5 / 54.6	23.0 / 58.4	23.0 / 58.4
Aspect Ratio	16:9	16:9	5:4	16:9	16:10	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160	170 / 160	178 / 178	170 / 160	178 / 178	170 / 160	170 / 170
Response Time (typ. G to G) [ms]	5	5	5	6	5	6	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1280 x 1024	1600 x 900	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, VGA	DVI-D, VGA	DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	DP, DVI-D, VGA	HDMI, DVI-D, VGA
Power Use Max / ECO [W]	27 / 13	24 / 13	19 / 9	17 / 11	24 / 12	25 / 16	24 / 13	52 / 20
Power Saving Mode [W]	0.35	0.35	0.15	0.35	0.35	0.4	0.35	0.8
Internal Power Supply	●	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	-	-	50	110	110	110	110	54
Other Ergonomics	tilt	tilt	tilt	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, flat,
Bezel Width T - B / L - R [mm]	15.8 / 14.7	19.0 / 19.0	17.5 / 14.2	17.6 / 15.2	15.8 / 13.9	15.8 / 14.7	16.8 / 16.4	-
Dimensions with stand (W x H x D) [mm]	507 x 364 x 205	571 x 400 x 211	368 x 358 x 230	466 x 350 x 213	503 x 383 x 213	507 x 364 x 213	544 x 374 x 213	561 x 362 x 249
Weight with stand [kg]	4.1	4.0	4.2	4.9	4.9	5.9	5.7	7.6
TCO	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
NaViSet	●	●	●	●	●	●	●	●
Multi-Touch	-	-	-	-	-	-	-	●

## E Series | Commercial Enterprise

## EA Series | Commercial Enterprise

MultiSync® Model	E243Wmi	E245Wmi	EA193Mi	EA223WM	EA224Wmi	EA234Wmi	EA244Wmi	EA245Wmi*
Order Code	60003681 (BK) 60003682 (WH)	60004113 (BK) 60004148 (WH)	60003586 (BK) 60003585 (WH)	60003294 (BK) 60003293 (WH)	60003336 (BK) 60003337 (WH)	60003588 (BK) 60003587 (WH)	60003414 (BK) 60003409 (WH)	60003811 (BK) 60003812 (WH)
Panel Technology	IPS / W-LED	PLS TFT / W-LED	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	23.8 / 60.5	24.1 / 61.13	19.0 / 48.3	22.0 / 55.9	21.5 / 54.6	23.0 / 58.4	24.1 / 61.2	24.1 / 61.2
Aspect Ratio	16:9	16:10	5:4	16:10	16:9	16:9	16:10	16:10
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	350	300
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	170 / 160	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6	5	6	6	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1280 x 1024	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1200
Connectivity	DP, DVI-D, VGA	DP, DVI-D, mini D-sub	DP, DVI-D, VGA	DP, DVI-D, USB, VGA	DP, DVI-D, HDMI, USB, VGA	DVI-D, HDMI, USB, DP, VGA	DVI-D, HDMI, USB, DP, VGA	DP, DVI-D, HDMI, USB3 (1 up / 2 down), USB 2 (1 down), mini D-sub
Power Use Max / ECO [W]	26 / 13	24 / 16	18 / 10	25 / 12	26 / 15	27 / 16	29 / 16	29 / 16
Power Saving Mode [W]	0.4	0.26	0.35	0.4	0.43	0.41	0.47	0.47
Internal Power Supply	●	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	110	110	110	130	130	130	130	110
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	16.8 / 14.7	17.8 / 17.9	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7	16.4 / 16.0	16.8 / 17.9	6.5
Dimensions with stand (W x H x D) [mm]	557 x 379 x 213	557 x 395 x 214	408 x 386 x 213	503.5 x 384 x 218	507.4 x 370 x 218	543 x 380 x 218	556 x 408 x 230	556.2 x 408.9 x 230
Weight with stand [kg]	6.3	5.9	6.0	5.6	6.0	6.4	7.6	7.5
TCO	6.0	7.0	6.0	5.2	6.0	6.0	6.0	7.0
NaViSet	●	●	●	●	●	●	●	●

\* Specification subject to change until launch

MultiSync® Model	EA244UHD	EA273WMI	EA274WMI	EA275WMI	EA275UHD	EA294WMI	EX241UN*
Order Code	60003683 (BK) 60003684 (WH)	60003608 (BK) 60003607 (WH)	60003493 (BK) 60003492 (WH)	60003338 (BK) 60003339 (WH)	60003865 (BK) 60003867 (WH)	60003417 (BK) 60003415 (WH)	60004064(BK) 60004065 (WH)
Panel Technology	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	23.8 / 60.5	27.0 / 68.6	27.0 / 68.6	27.0 / 68.6	27.0 / 68.6	29.0 / 73.7	23,8 / 60,4
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	21:9	16:9
Brightness (typ.) [cd/m²]	350	250	350	350	350	300	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	170 / 170
Response Time (typ. G to G) [ms]	5	6	6	6	5	6	6
Colours [Mio.]	1074	16.77	16.77	16.77	1074	16.77	16.77
Resolution at 60 Hz	3840 x 2160	1920 x 1080	2560 x 1080	2560 x 1440	3840 x 2160	2560 x 1080	1920x1080
Connectivity	2 DVI-D (Single Link), 2 DP, 2 HDMI, USB 3.0	DVI-D, HDMI, USB, DP, VGA	DVI-D, HDMI, USB, DP, VGA	DVI-I, HDMI, USB, DP	DVI-D, HDMI, USB, DP, VGA	2 DVI-D, HDMI/MHL, USB, DP, 2 VGA	DisplayPort; DisplayPort out; DVI-D; HDMI; USB 3.0
Power Use Max / ECO [W]	79 / 41	31 / 16	57 / 35	57 / 35	49 / 28	50 / 28	45 / 219
Power Saving Mode [W]	0.33	0.48	0.80	0.47	0.37	0.8	1.0
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	130	130	130	130	130	130	100
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	low blue light, flicker free
Bezel Width T - B / L - R [mm]	18.1 / 14.8	19.6 / 19.6	18 / 15.5	19.6 / 19.6	18.1 / 14.8	18.0 / 15.5	0,8
Dimensions with stand (W x H x D) [mm]	558 x 386 x 218	639 x 417 x 230	705 x 410 x 230	639 x 417 x 230	639 x 417 x 230	705 x 410 x 230	537.8 x 369.7 x 204.3
Weight with stand [kg]	7	8.7	9.6	8.7	9.1	9.6	5.6
TCO	6.0	6.0	6.0	6.0	6.0	6.0	7.0

P Series | Professional Reference

PA Series | Professional Reference

MultiSync® Model	P212	P232W	P242W	PA242W-SV2	PA272W-SV2	PA302W-SV2	PA322 UHD-2-SV2
Order Code	60003862 (BK) 60003989 (WH)	60003838 (BK) 60003323 (WH)	60003419 (BK) 60003418 (WH)	60003948 (BK) 60003947 (WH)	60003949 (BK)	60003950 (BK)	60004138 (BK)
Panel Technology	IPS/ LED	IPS / W-LED	IPS / W-LED	AH-IPS / GB-R LED			IPS / W-LED
Screen Size [inch / cm]	21.3 / 54.1	23.0 / 58.4	24.1 / 61.2	24.1 / 61.2	27.0 / 68.6	29.8 / 75.7	31.5 / 80
Aspect Ratio	4:3	16:9	16:10	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	77.0 / 97.9	75.2 / 96.8	78.4 / 99.6	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m²]	440	250	350	340	340	340	350
Contrast (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	8	8	7	7	10
Colours [Mio.]	1074	16.77	16.77	1074	1074	1074	1074
Resolution at 60 Hz	1600 x 1200	1920 x 1080	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, Mini DP, HDMI, DVI-D, USB 3.0 (3 down / 1 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)		DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)			DP, HDMI, DVI-D, USB 3.0 (3 down / 2 up)
Power Use Max / ECO [W]	57 / 24	29 / 18	30 / 17	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	0.5	1	1	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	16.8 / 16.2	17.0 / 16.2	18.2 / 18.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D) [mm]	466 x 375 x 228	544 x 338 x 228	557 x 378 x 228	557 x 378 x 228	640 x 396 x 236	688 x 466 x 302	745 x 469 x 302
Weight with stand [kg]	8.0	9.2	10.2	10.6	12.9	17.0	20.5
TCO	-	6.0	6.0	-	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●	●
MultiProfiler Software	●	●	●	●	●	●	●
SpectraView II	Optional	Optional	Optional	●	●	●	●

\* Specification subject to change until launch

## SpectraView® | Colour Reference

The perfect choice for creative professionals. SpectraView® LCDs with the latest AH-IPS panel technology are designed to meet the highest standards for professional applications where colour fidelity cannot be compromised. SpectraView® displays are individually screened for 0 Pixel defect.

## 23" to 32"

SV Series

For more detailed information please visit:

[www.spectraview.nec-display-solutions.com](http://www.spectraview.nec-display-solutions.com)



**SpectraView®**

## SpectraView | Colour Reference

	SV232	SV Ref242	SV Ref272	SV Ref302	SV Ref322 UHD-2
Order Code	60003161	60003543	60003545	60003547	60004137
Panel Technology	AH-IPS / W-LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	IPS / W-LED
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	29.8 / 75.7	31.5 / 80
Aspect Ratio	16:9	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB/sRGB Coverage [%]	75.2 / 96.8	99.3 / 100	99.3 / 100	99.3 / 100	99.2 / 100
Brightness (typ.) [cd/m <sup>2</sup> ]	250	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	7	6	10
Colours [Mio.]	16.77	1074	1074	1074	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectivity	DP, DVI-D, HDMI, VGA, USB 2.0 (3 down / 2 up)	DP, DVI-D, HDMI, VGA, USB 2.0 (3 down / 2 up)	DP, Mini DP, HDMI, DVI-D, USB 2.0 (3 down / 2 up)		OPS FF, 2 DP, 2 DVI-D, 4 HDMI, USB 3.0 (3 down / 2 up)
Power Use Normal / ECO [W]	29 / 18	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	1	2	1.4	1.4	5
Internal Power Supply	•	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate	tilt, swivel, rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D) [mm]	544 x 338 x 228	557 x 378 x 228	640 x 396 x 236	688 x 466 x 302	745 x 469 x 302
Weight with stand [kg]	9.2	10.6	12.9	17.0	20.5
5 years warranty / 0 Pixel Defect	Optional / -	•/•	•/•	•/•	•/•

**GB LED**

UP TO  
**5**  
YEARS  
WARRANTY

**0**  
PIXEL  
DEFECT

**NaViSet**  
Administrator 2





As one of the leading manufacturer of innovative medical displays NEC is your partner to deal with the challenges of hospital-wide digitalisation processes. Select from our medical portfolio - desktop displays, large format displays or DICOM Simulation projectors in the knowledge that you have one point of support and the highest standards of cross-departmental integration to a common standard.

**2MP - 8MP**    **2.0MP - 3.7MP**    **46"**  
 MD Series                      MDview Series                      OR Large Format

For more detailed information please read our Hospital Wide Display Solutions brochure and visit:  
[www.medical.nec-display-solutions.com](http://www.medical.nec-display-solutions.com)



## MD Series | Diagnostic

	MD211G5	MD212G3	MD211G3	MD302C6	MD211C3	MD210C3	MD211C2	MD210C2
Panel Technology	IPS Grayscale LED Backlight	IPS TFT Colour W-LED Backlight	SA-SFT Grayscale	IPS TFT Colour W-LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight	UA-SFT Colour LED Backlight
Screen diagonal [inch/cm]	21.3 / 54.1	21.3 / 54.1	21.3 / 54.1	30 / 76.2	21.3 / 54.1	21.3 / 54.1	21.3 / 54.1	21.3 / 54.1
Native resolution [Megapixel]	5.0	3.0	3.0	6,7	3.0	3.0	2.0	2.0
Resolution	2048 x 2560 (P)	1536 x 2048 (P)	1536 x 2048 (P)	3280 x 2048 (L)	1536 x 2048 (P)	1536 x 2048 (P)	1200 x 1600 (P)	1200 x 1600 (P)
Contrast ratio (typ.)	1200:1	1400:1	900:1	1000:1	1400:1	1400:1	1400:1	1400:1
Viewing angle (H / V @ CR > 10:1)	176° / 176°	176° / 176°	176° / 176°	170° / 170°	176° / 176°	176° / 176°	176° / 176°	176° / 176°
Luminance (Max)	1200 cd/m <sup>2</sup>	1700 cd/m <sup>2</sup>	1450 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	760 cd/m <sup>2</sup>
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit	10-bit
Programmable gamma correction	13.5-bit	15.5-bit	15.5-bit	16-bit	14-bit	14-bit	14-bit	14-bit
Factory pre-set	500 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF
Connectivity	DVI-D, DP	DVI-D, DP	DVI-D, DP	2 DVI-D, 2 DP	DVI-D, DP	DVI-D, DP	DVI-D, DP	DVI-D, DP
Power consumption (max.) [W]	80	50	105	173.5	85	85	80	80
Dimensions (W x H x D) [mm]	390 x 488 x 228 (Portrait)	380 x 474 x 228 (Portrait)	362 x 483 x 228 (Portrait)	696 x 487 x 302 (Landscape)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)	373 x 491 x 236 (Portrait)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.

## MD Series | Diagnostic

## Clinical Review

## OR LFD

	MD C212C2	MD322C8-2	MD302C4	MD242C2	MD view232	MD view243	MD view272	MD4620R
Panel Technology	IPS TFT LED Backlight	IPS Type TFT Colour with W-LED Backlight	AH-IPS Colour LED Backlight	IPS Colour LED Backlight	IPS Colour LED Backlight	IPS Colour LED Backlight	AH-IPS Colour LED Backlight	S-PVA Colour
Screen diagonal [inch/cm]	21.3 / 54.1	31.5 / 80	29.8 / 75.7	24.1 / 61.2	23.0 / 58.4	24.1 / 61.2	27.0 / 68.6	46 / 116.8
Native resolution [Megapixel]	2.0	8.3	4.0	2.3	2.0	2.3	3.7	2.0
Resolution	1600 x 1200 (L)	3840 x 2160 (L)	2560 x 1600 (L)	1920x 1200 (L)	1920 x 1080 (L)	1920 x 1200 (L)	2560 x 1440 (L)	1920 x 1080 (L)
Contrast ratio (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	4000:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°	176° / 176°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Luminance (Max)	440 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>	350cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Colour/Grayscale reproduction	10-bit	10-bit	10-bit	10-bit	8-bit	10-bit	10-bit	8-bit
Programmable gamma correction	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	14-bit	10-bit
Factory pre-set	180 cd/m <sup>2</sup> DICOM GSDF	200 cd/m <sup>2</sup> DICOM GSDF	180 cd/m <sup>2</sup> DICOM GSDF	180 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	550 cd/m <sup>2</sup> DICOM GSDF
Connectivity	DVI-D, DP, VGA	2 DVI-D, 2 DP, 4 HDMI	DVI-D, DP, Mini-DP, HDMI	DVI-D, DP, HDMI, VGA	DVI-D, DP, HDMI, VGA	DVI-D, DP, HDMI, VGA	DVI-D, DP, Mini-DP, HDMI	DP, DVI-D, HDMI, OPS, D-Sub
Power consumption (max.) [W]	54	95	87	30	29	30	73	150
Dimensions (W x H x D) [mm]	466 x 375 x 228 (Landscape)	745 / 468 / 302 (Landscape)	688 x 466 x 302 (Landscape)	557 x 378 x 228 (Landscape)	544 x 338 x 228 (Landscape)	557 x 378 x 228 (Landscape)	640 x 396 x 236 (Landscape)	1153 x 820 x 180 (Landscape)
Warranty	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 yrs., opt.: 5 yrs.	3 years standard

# Large Format Displays



As a world leading name in digital signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED backlit displays for performance critical applications to high quality value ranges and reference options, NEC leads the market for signage solutions you can trust.

## Entry-Level Signage

E Series Cost efficient digital signage as well as meeting room equipment

## Value Signage

V Series Value for money signage all-rounder delivering convenience and flexibility

## Professional Signage

P Series High end solution offering secure and reliable operations paired with a perfect image representation in all environments

## Speciality

XUN Series Video wall solution for huge surfaces offering a very modular and flexible design

XS Series Super slim display for discreet integration in space critical settings

XHB Series High bright display for perfect image presenting in very light surroundings

XUHD Series Pixel free viewing combined with precise colour reproduction when image quality decides

## Protective Glass

Maximum protection against knocks and blows combined with reduced reflection and high light transmission for an unrestricted image quality

Available for V / P / XS / XUHD Series

## Multi-Touch

Interactive plug & play touch solutions offering true multi-touch for a wide range of applications

Available for E / V / P / XUHD / XUN Series



## E Series | Entry-Level Signage

The E Series commercial-grade displays are designed to bring NEC's heritage of performance and quality to the most cost-conscious customers. For entry-level applications like signage, the E-Series in sizes from 32 to 65 inch is the perfect fit. The larger sized models above 65 inch are specially designed for the needs of corporate customers who rely on quality professional solutions offering a compelling low total cost of ownership.

32" to 90"

E Series



127  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

## V Series | Value Signage

If you are looking to transform your restaurant, shop or business with the added presence and revenue that digital signage offers, the V Series by NEC provides professional performance you can trust at a surprisingly affordable price. Benefit from the extra attention and sales these outstanding Full HD displays can bring while operating over longer lifecycles. The V Series also offers a DRD-range of signage-ready models for convenient and instant usage.

32" to 80"

V Series



247  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE



## P Series | Professional Signage

The P Series provides a first class solution for digital signage and information distribution applications. New connectivity and sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.

40" to 80"

P Series



247  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE





**1080P**  
FULLHD IMAGE



## XUN Series | Video Wall

No matter what the requirement, NEC has the right video wall solution to fit virtually any application. Adaptable, scalable and modular, NEC offers unlimited creativity in capturing attention, engaging and delivering a compelling video wall experience. Trusted NEC quality is the professional choice for display technology and can provide the complete video wall solution from pre-configuration and mounting solutions to content management and after sales support.

**46" and 55"**

XUN and XUNS Series



## XUHD Series | Ultra High Resolution

The MultiSync® UHD Series is the first series supporting the 4K UHD standard of NEC's LFD portfolio. Besides the four times more pixels at the same screen size, the quality of the pixels much more better; the variety of colours gets increased. Loaded with innovative features and high end components, the UHD models deliver an extraordinary reality-like visual experience with a richness of detail and controlled colour reproduction.

**55" to 98"**

XUHD Series

**4K UHD**



**1080P**  
FULLHD IMAGE



## XS Series | Super Slim

The superslim MultiSync® XS Series delivers the longevity and reliability customers expect from a Large Format Display thanks to a professional display panel and proven NEC engineering excellence. The reduced depth and light weight makes it easy to handle and integrate into recesses and housings.

**40" to 55"**

XS Series



## XHB Series | High Brightness

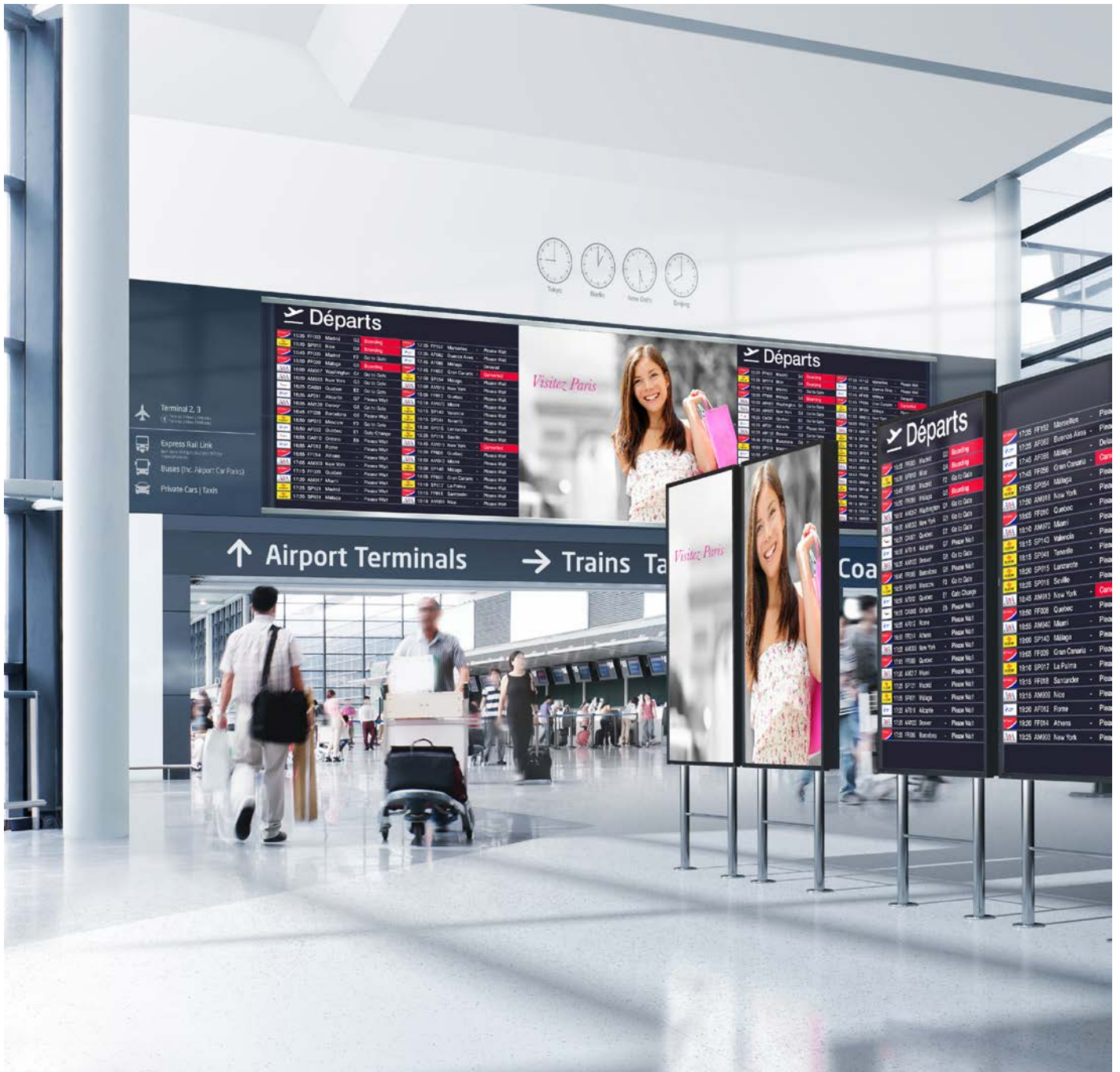
Sunlight reduces the readability of content so signage located in store front windows or in light drenched atrium spaces needs to present messages with higher brightness. NEC's XHB displays with ambient light sensor keeps power consumption to a minimum whilst maintaining eye-pleasing readability in even the brightest environments.

47" to 75"  
XHB Series

**1080P**  
FULLHD IMAGE



**24/7**  
CERTIFIED OPERATION



## E Series | Entry Level Signage

MultiSync® Model	E325	E425	E505	E585	E654	E705	E805	E905
Order Code	60003725	60003726	60003727	60003728	60003487	60003928	60003929	60003930
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	VA / Direct LED	UV² A / Edge LED	UV² A / Edge LED	UV² A / Edge LED
Screen Size [inch / cm]	32 / 81	42 / 107	50 / 127	58 / 147	65 / 165	70 / 178	80 / 203	90 / 229
Brightness (max.) [cd/m²]	300	300	300	350	350	400	350	350
Contrast (typ.)	3000:1	3000:1	5000:1	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle horizontal / vertical [°]	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6.5	6.5	8.5	9.5	6.5	8	4	4
Haze Level (%)	2	2	1	1	2	5	5	5
Supported orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Native Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	3 HDMI, VGA, Component, Composite			3 HDMI, VGA, Component, Composite		2 HDMI, DP, DVI-D, VGA		
Power Consumption ECO [W]	45	75	100	136	260	150	230	270
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1
Dimensions (W x H x D) [mm]	727 x 424 x 77	960 x 555 x 77	1123 x 646 x 77	1301 x 759 x 109	1467 x 872 x 100	1587 x 920 x 87	1836 x 1061 x 87	2058 x 1184 x 123
Weight [kg]	4.9	10.1	11.9	21	30	47	61	81
Bezel Width B / T - L - R [mm]	16.1 / 11.9	14.9 / 11.9	14.9 / 11.9	20.3 / 13.8	47.7 / 18.9	23 / 23	29.7 / 29.7	
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	-	-	-	-	-	•	•	•

## V Series | Value Signage

Signage Ready

MultiSync® Model	V323-2	V423	V463	V552	V652	V801	V423-DRD	V463-DRD	V552-DRD
Order Code	60003849	60003397	60003394	60003396	60003395	60003482	60003992	60003993	60003994
Panel Technology	S-IPS / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	UV2A / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED
Screen Size [inch / cm]	32 / 81	42 / 107	46 / 117	55 / 140	65 / 165	80 / 203	42 / 107	46 / 117	55 / 140
Brightness (max.) [cd/m²]	450	450	500	500	450	460	450	500	500
Contrast (typ.)	1300:1	1300:1	4000:1	4000:1	4000:1	5000:1	1300:1	4000:1	4000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	12	6.5	6.5	8	6	12	6.5	6.5
Haze Level (%)	1	10	11	11	11	5	10	11	11
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	HDMI, DP, DVI-D In/Out, VGA			HDMI, DP, DVI-D In/Out, VGA			HDMI, DP, DVI-D In/Out, VGA		
Slot-In Option	OPS	OPS	OPS	OPS	OPS	OPS	Integrated OPS Digital Signage Player		
Power Consumption ECO [W]	49	88	76	96	185	223	88	76	96
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	750 x 444 x 60	972 x 565 x 68	1058 x 612 x 65	1250 x 720 x 63	1540 x 909 x 88	1836 x 1061 x 86	972 x 565 x 68	1058 x 612 x 65	1249 x 720 x 63
Weight [kg]	9	16.8	18.9	26.5	52.0	60	16.8	18.9	26.5
Bezel Width T - B / L - R [mm]	24.0 / 24.0	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•	•	•	•

MultiSync® Model	P403	P463	P553	P703	P801	X401S	X462S	X552S
Order Code	60003477	60003478	60003479	60003480	60003481	60003327	60003399	60003329
Panel Technology	S-PVA / Edge LED			UV² A / Edge LED		S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 140	70 / 178	80 / 203	40 / 102	46 / 117	55 / 140
Brightness (max.) [cd/m²]	700	700	700	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	4000:1	5000:1	5000:1	3500:1	4000:1	4000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4	8	8	8
Haze Level (%)	44	44	44	5	5	44	44	44
Supported Orientation	Landscape, Portrait, Face Up, Face Down			Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP In/Out, LAN			DVI-D, HDMI, DP In/Out, LAN		DVI-D In/Out, HDMI, DP, VGA		
Slot-In Option	OPS, Interface Extension Slot			OPS, Interface Extension Slot		OPS	OPS	OPS
Power Consumption ECO [W]	105	120	150	150	235	140	160	205
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	920 x 532 x 66	1055 x 608 x 64	1250 x 721 x 65	1587 x 920 x 86	1836 x 1061 x 86	925 x 537 x 43	1059 x 613 x 46	1254 x 725 x 46
Weight [kg]	17.0	21.4	25.3	47.0	61.5	14.9	20.7	24.5
Bezel Width T - B / L - R [mm]**	15.5	16.5	18.5	23.0	29.7	18.0	18.7	20.5
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 5 W	2 x 5 W	2 x 5 W
NaViSet Administrator 2	•	•	•	•	•	•	•	•

XUN Series | Video Wall

MultiSync® Model	X464UNV-2	X464UNS	X554UNV	X554UNS	X555UNS	X555UNV	UN551S	UN551VS
Order Code	60003791	60003722	60003723	60003673	60003905	60003906	60004055	60004056
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	46 / 117	46 / 117	55 / 140	55 / 140	55 / 140	55 / 140	55 / 140	55 / 140
Brightness (Max.) [cd/m²]	500	700	500	700	700	500	700	500
Contrast (typ.)	3500:1	3500:1	3500:1	3500:1	1200:1	1200:1	1200:1	1200:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	12	12	12	12
Haze Level (%)	44	44	44	44	44	44	44	44
Supported Orientation	Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up		Landscape, Portrait, Face Up	
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI	DVI-D, HDMI	DVI-D, HDMI, DP In/Out, VGA	DVI-D, HDMI, DP In/Out, VGA
Slot-In Option	OPS, Interface Extension Slot		OPS, Interface Extension Slot		OPS, Interface Extension Slot		OPS, Interface Extension Slot	
Power Consumption ECO [W]	90	120	120	143	175	138	180	180
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	1024 x 578 x 117	1022 x 576 x 101	1213 x 684 x 100	1213 x 684 x 100	1213 x 684 x 95	1213 x 684 x 95	1211 x 682 x 99	1211 x 682 x 99
Weight [kg]	24.3	20.4	25.9	27.9	30.3	30.3	27.0	26.2
Bezel Width T - B / L - R [mm]**	3.8 / 1.8	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	2.3 / 1.2	0.9 / 0.9	0.9 / 0.9
Integrated Speakers	-	-	-	-	-	-	-	-
NaViSet Administrator 2	•	•	•	•	•	•	•	•

\*\* Dimensions may vary due to manufacturing tolerances

MultiSync® Model	X551UHD	X651UHD-2	X841UHD-2	X981UHD-2	X474HB	X554HB	X754HB
Order Code	60003677	60003676	60003675	60003721	60003674	60003912	60003913
Panel Technology	S-PVA / Edge LED	S-IPS / Edge LED	S-IPS / Edge LED	S-IPS / Direct LED	S-IPS / Direct LED	S-IPS / Direct LED	S-PVA / Direct LED
Screen Size [inch / cm]	55 / 140	65 / 165	84 / 213	98 / 249	47 / 119	55 / 140	75 / 191
Brightness (Max.) [cd/m <sup>2</sup> ]	500	450	500	500	2000	2700	2500
Contrast (typ.)	4000:1	1300:1	1400:1	1300:1	1300:1	5000:1	5000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	8	12	8	10	6	6
Haze Level (%)	25	10	10	1	2	1	1
Supported Orientation	Landscape, Portrait, Face Up			Landscape, Portrait, Face Up		Landscape, Portrait	
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DVI-D, HDMI, DP				DVI-D In/Out, HDMI, DP, VGA		
Slot-In Option	OPS	OPS	OPS	OPS	OPS, Interface Extension Slot		
Power Consumption ECO [W]	150	150	380	420	260	310	540
Power Use Savings Mode [W]	< 0.5	<0.5	<0.5	< 0.5	<1	<1	<1
Dimensions (W x H x D) [mm]	1250 x 721 x 78	1468 x 879 x 87	1931 x 1117 x 85	2204 x 1259 x 108	1084 x 628 x 147	1253 x 724 x 137	1694 x 972 x 146
Weight [kg]	27	41	70	95	26.9	35	62
Bezel Width T - B / L - R [mm]	18.5	19	32.6	19.9	19.3	19.5	21
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•	•







## Protective Glass

High quality Conturan® Schott glass ensures reduced reflection and high light transmission for an unrestricted view of display content. In addition it ensures maximum investment security, protecting the display panel against projectiles.

32"

V Series PG

84" to 98"

XUHD Series PG

40" to 55"

XS Series PG

40" to 80"

P Series PG

55"

XUN Series PG



24/7  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

4K UHD

## Protective Glass

MultiSync® Model	V323-2 PG	P403 PG	P463 PG	P553 PG	P703 PG	P801 PG
Order Code	60003995	60003701	60003702	60003703	60003707	60003708
Base Model	V323-2	P403	P463	P553	P703	P801
All specs same as base model except for those listed below						
Dimensions (W x H x D) [mm]	750 x 444.5 x 66	920 x 532 x 73	1055 x 608 x 70	1250 x 721 x 70.8	1587 x 9196 x 99	1836 x 1061 x 95
Weight [kg]	12.6	21.7	27.7	35.1	64.6	85.2
Bezel Width T-B / L-R [mm]	24.0 / 24.0	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	23.0 / 23.0	29.7 / 29.7
Glass	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott		5mm Conturan® glass by Schott	
Coating	Double sided anti-reflective coating	Double sided anti-reflective coating	Double sided anti-reflective coating		Double sided anti-reflective coating	
Light Transmission [%]	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1

MultiSync® Model	X401S PG	X462S PG	X552S PG	X841UHD PG	X981UHD PG	X555UNS PG
Order Code	60003437	60003433	60003432	60003985	60003983	60004141
Base Model	X401S	X462S	X552S	X841UHD	X981UHD	X555UNS
All specs same as base model except for those listed below						
Dimensions (W x H x D) [mm]	925 x 537 x 48	1059 x 613 x 51	1254 x 725 x 51	1931 x 1117 x 99	2204 x 1259 x 122	1213 x 684 x 95
Weight [kg]	19.9	27.0	33.5	102	132	32.7
Bezel Width T-B / L-R [mm]	18.0 / 18.0	18.7 / 18.7	20.5 / 20.5	32.6 / 32.6	19.9 / 19.9	2.5 / 2.5
Glass	4mm Conturan® glass by Schott			6mm Conturan® glass by Schott		2mm Premium toughened glass
Coating	Double sided anti-reflective coating			Double sided anti-reflective coating		Anti-glare coating
Light Transmission [%]	97	97	97	97	97	92
Reflection Rate [%]	<1	<1	<1	<1	<1	N/A

# Multi-Touch Series



70" to 90" **127**  
E Series Touch CERTIFIED OPERATION

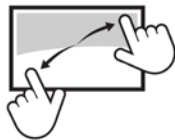
40" to 80" **247**  
P Series Touch CERTIFIED OPERATION

42" to 80" **167**  
V Series Touch CERTIFIED OPERATION

65" to 98" **247**  
XUHD Series Touch CERTIFIED OPERATION

## Multi-Touch

Based on the latest touch technology these displays deliver true multi-touch support with fast response times and a high level of accuracy. All NEC interactive displays are plug & play, without the need to install any external driver software. Thanks to an anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.



## Multi-Touch Displays

MultiSync® Model	E705 SST	E805 SST	E905 SST	V423 TM-2	V463 TM-2	V552 TM	V652 TM
Order Code	60003922	60003923	60003981	60004198	60004195	60003678	60003553
Supported Orientation	Landscape	Landscape	Landscape	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Base Model	E705	E805	E905	V423	V463	V552	V652
<b>All specs same as base model except for those listed below</b>							
Haze Level	5	5	5	10	11	11	11
Brightness (max.)	400	350	350	430	480	450	450
Power Consumption ECO [W]	158	227	278	100	88	96	178
Dimensions (W x H x D) [mm]	1657 x 968 x 105	1878 x 1097 x 104	2122 x 1248 x 138	1013 x 603 x 81	1104 x 655 x 79	1294 x 765 x 86	1540 x 909 x 102
Weight [kg]	70	85	105	25	26	40.8	68.3
Bezel Width T-B / L-R [mm]	33.0 / 41.0	40.0 / 40.0	40.0 / 40.0	38.8 / 38.8	41.6 / 41.5	41.4 / 41.4	50.5 / 53.5
Touch Technology	ShadowSense™	ShadowSense™	ShadowSense™	Infrared	Infrared	Infrared	Optical Camera
Protective Glass	5mm	5mm	5mm	3mm	3mm	4mm	5mm
Coating	Single sided anti-reflective coated (anti-glare)			Single sided anti-reflective coated (anti-glare)		Double sided anti-reflective coated	
Touch Points	up to 10	up to 10	up to 10	up to 6	up to 6	up to 6	up to 5
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	92	92	92	92	92	96	96
Reflection [%]	2	2	2	2	2	2	2

MultiSync® Model	V801 TM	P403 SST	P463 SST	P553 SST	P703 SST	P801 SST
Order Code	60003679	60003767	60003768	60003769	60003770	60003766
Supported Orientation	Landscape, Portrait	Face Up, Landscape, Portrait		Face Up, Landscape, Portrait		
Base Model	V801	P403	P463	P553	P703	P801
<b>All specs same as base model except for those listed below</b>						
Haze Level	5	44	44	44	5	5
Brightness (max.)	460	700	700	700	700	700
Power Consumption ECO [W]	218	122	124	150	157	239
Dimensions (W x H x D) [mm]	1842 x 1067 x 107	968 x 587 x 82	1106 x 660 x 82	1328 x 789 x 79	1657 x 968 x 105	1878 x 1097 x 104
Weight [kg]	79.9	24	32	37	70	85
Bezel Width T-B / L-R [mm]	34.8 / 34.8	39.0 / 39.0	40.0 / 40.0	40.0 / 40.0	33.0 / 42.0	40.0 / 40.0
Touch Technology	Infrared	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™	ShadowSense™
Protective Glass	3mm	3mm	3mm	4mm	5mm	5mm
Coating	Double sided anti-reflective coated	Single sided anti-reflective coated (anti-glare)			Single sided anti-reflective coated (anti-glare)	
Touch Points	up to 6	up to 10	up to 10	up to 10	up to 10	up to 10
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	96	92	92	92	92	92
Reflection [%]	2	2	2	2	2	2

MultiSync® Model	X651UHD-2 SST	X841UHD-2 SST	X981UHD-2 SST	X651UHD-2 IGT
Order Code	60004145	60004146	60004147	60004170
Supported Orientation	Face Up, Landscape, Portrait			Face Up, Landscape
Base Model	X651UHD-2	X841UHD-2	X981UHD-2	X651UHD-2
<b>All specs same as base model except for those listed below</b>				
Haze Level	10	10	1	10
Brightness (max.)	450	500	500	450
Power Consumption ECO [W]	164	342	360	164
Dimensions (W x H x D) [mm]	1532 x 910 x 103	2000 x 1194 x 105	2276 x 1329 x 123	1521 x 896 x 103
Weight [kg]	70	110	150	55
Bezel Width T-B / L-R [mm]	42.0 / 42.0	41.0 / 41.0	45.0 / 45.0	Edge-to-edge-flush design (no bezel)
Touch Technology	ShadowSense™	ShadowSense™	ShadowSense™	InGlass™
Protective Glass	4mm	5mm	5mm	3.2 mm
Coating	Single sided anti-reflective coated (anti-glare)			Chemically strengthened soda lime
Touch Points	up to 10	up to 10	up to 12	up to 10
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Light Transmission [%]	92	92	92	89
Reflection [%]	2	2	2	N/A

# Speakers | Stands | Compatibility

Model	Speaker														
	Speaker	Order Code	Speakers Built-In							High-End					
			SP-RM1	SP-RM2	SP-TF1	SP-46SM	SP-55SM	SP-65SM	SP-70SM	SP-80SM	100012663	100012728	100013520	100013413	100013463
UN551S	-	○	-	●	-	-	-	-	-	-					
UN551VS	-	○	-	●	-	-	-	-	-	-					
X554UNS / X555UNS	-	○	-	●	-	-	-	-	-	-					
X554UNV-2 / X555UNV	-	○	-	●	-	-	-	-	-	-					
X464UNV-2	-	○	-	●	-	-	-	-	-	-					
X401S (PG)*	●	-	●	-	-	-	-	-	-	-					
X462S (PG)*	●	○	-	●	●	-	-	-	-	-					
X552S (PG)*	●	○	-	●	-	●	-	-	-	-					
X474HB	●	○	-	●	-	-	-	-	-	-					
X554HB	●	○	-	●	-	-	-	-	-	-					
X754HB	●	○	-	●	-	-	-	-	-	-					
X551UHD	●	○	-	●	-	-	-	-	-	-					
X651UHD-2 (SST)*	●	○	-	●	-	-	-	-	-	-					
X841UHD-2 (PG, SST)*	●	○	-	●	-	-	-	-	-	-					
X981UHD-2 (PG, SST)*	●	○	-	●	-	-	-	-	-	-					
P403 (PG, SST)*	●	-	-	●	-	-	-	-	-	-					
P463 (PG, SST)*	●	○	-	●	-	-	-	-	-	-					
P553 (PG, SST)*	●	○	-	●	-	●	-	-	-	-					
P703 (PG, SST)*	●	○	-	●	-	-	-	●	-	-					
P801 (PG, SST)*	●	○	-	●	-	-	-	-	●	-					
V323-2 (PG)*	●	-	-	-	-	-	-	-	-	-					
V423	●	-	○	-	-	-	-	-	-	-					
V463	●	○	-	●	●	-	-	-	-	-					
V552	●	○	-	●	-	●	-	-	-	-					
V652	●	○	-	●	-	-	●	-	-	-					
V801	●	○	-	●	-	-	-	-	-	●					
V423 TM-2	●	-	○	-	-	-	-	-	-	-					
V463 TM-2	●	○	-	-	-	-	-	-	-	-					
V552 TM	●	○	-	●	-	-	-	-	-	-					
V652 TM	●	○	-	●	-	-	●	-	-	-					
V801 TM	●	○	-	●	-	-	-	-	-	-					
E325	●	-	-	-	-	-	-	-	-	-					
E425	●	-	-	-	-	-	-	-	-	-					
E505	●	-	-	-	-	-	-	-	-	-					
E585	●	-	-	-	-	-	-	-	-	-					
E654	●	-	-	-	-	-	-	-	-	-					
E705 (SST)*	●	○	-	●	-	-	-	●	-	-					
E805 (SST)*	●	○	-	●	-	-	-	-	-	●					
E905 (SST)*	●	○	-	●	-	-	-	-	-	-					

## Definitions

●	Perfect Compatibility
○	Compatible - speakers will bulge from the back surface
●	Compatible on sides and bottom - front surface of speakers does not match with display
-	Not Compatible

\* High-end Speakers (SP-xxSM) are not compatible with Protective Glass (PG) Displays and ShadowSense (SST) Displays.

Model	Feet											
	Feet	Order Code	Feet included									
			ST-322	100013034	100012203	100012205	100012201	100012828	100013328	100013911	100013944	100013945
UN551S	-	-	-	-	●	-	-	-	-	-	-	-
UN551VS	-	-	-	-	●	-	-	-	-	-	-	-
X554UNS / X555UNS	-	-	-	-	●	-	-	-	-	-	-	-
X554UNV / X555UNV	-	-	-	-	●	-	-	-	-	-	-	-
X464UNV-2	-	●	-	-	-	-	-	-	-	-	-	-
X401S (PG)	-	●	-	-	-	-	-	-	-	-	-	-
X462S (PG)	-	-	●	-	-	-	-	-	-	-	-	-
X552S (PG)	-	-	-	-	●	-	-	-	-	-	-	-
X474HB	-	-	-	●	-	-	-	-	-	-	-	-
X554HB	-	-	-	-	●	-	-	-	-	-	-	-
X754HB	-	-	-	-	-	●	-	-	-	-	-	-
X551UHD	-	-	-	-	●	-	-	-	-	-	-	-
X651UHD-2 (SST)	-	-	-	-	-	●	-	-	-	-	-	-
X841UHD-2 (PG, SST)	-	-	-	-	-	-	●	-	-	-	-	-
X981UHD-2 (PG, SST)	-	-	-	-	-	-	●	-	-	-	-	-
P403 (PG, SST)	-	●	-	-	-	-	-	-	-	-	-	-
P463 (PG, SST)	-	●	-	-	-	-	-	-	-	-	-	-
P553 (PG, SST)	-	-	-	-	●	-	-	-	-	-	-	-
P703 (PG, SST)	-	-	-	-	-	-	●	-	-	-	-	-
P801 (PG, SST)	-	-	-	-	-	-	●	-	-	-	-	-
V323-2 (PG)	-	●	-	-	-	-	-	-	-	-	-	-
V423	-	●	-	-	-	-	-	-	-	-	-	-
V463	-	●	-	-	-	-	-	-	-	-	-	-
V552	-	-	-	●	-	-	-	-	-	-	-	-
V652	-	-	-	-	-	●	-	-	-	-	-	-
V801	-	-	-	-	-	-	●	-	-	-	-	-
V423 TM-2	-	●	-	-	-	-	-	-	-	-	-	-
V463 TM-2	-	-	-	●	-	-	-	-	-	-	-	-
V552 TM	-	-	-	●	-	-	-	-	-	-	-	-
V652 TM	-	-	-	-	-	●	-	-	-	-	-	-
V801 TM	-	-	-	-	-	-	●	-	-	-	-	-
E325	-	-	-	-	-	-	-	●	-	-	-	-
E425	-	-	-	-	-	-	-	-	●	-	-	-
E505	-	-	-	-	-	-	-	-	-	●	-	-
E585	-	-	-	-	-	-	-	-	-	-	●	-
E654	●	-	-	-	-	-	-	-	-	-	-	-
E705 (SST)	-	-	-	-	-	-	●	-	-	-	-	-
E805 (SST)	-	-	-	-	-	-	●	-	-	-	-	-
E905 (SST)	-	-	-	-	-	-	●	-	-	-	-	-

Model	Slot-in Option												
	Order Code	Format	Slot Option	•	•	•	•	•	•	•	•	•	•
	100013752	OPS	Celeron N2807 2 x 1.58 GHz	•	•	•	•	•	•	•	•	•	•
	100014266	OPS configurable	Celeron G3900E 2 x 2.4GHz	•	•	•	•	•	•	•	•	•	•
	100014256	OPS standard	OPS standard	•	•	•	•	•	•	•	•	•	•
	100014209	OPS configurable	Core i3 6100E 2 x 2.7GHz	•	•	•	•	•	•	•	•	•	•
	100014257	OPS standard	OPS standard	•	•	•	•	•	•	•	•	•	•
	100014210	OPS configurable	Core i5 6440EQ 4 x 2.7GHz	•	•	•	•	•	•	•	•	•	•
	100014259	OPS standard	OPS standard	•	•	•	•	•	•	•	•	•	•
	100014212	OPS configurable	Core i7 6820EQ 4 x 2.8GHz	•	•	•	•	•	•	•	•	•	•
	100014260	OPS standard	OPS standard	•	•	•	•	•	•	•	•	•	•
	100012893	OPS	HD-SDI 1.5G	•	•	•	•	•	•	•	•	•	•
	100012947	OPS	HD-SDI 3G	•	•	•	•	•	•	•	•	•	•
	100014188	OPS	OPS-2C HDMI DP	•	•	•	•	•	•	•	•	•	•
	100014173	OPS	Quad 3G SDI	•	•	•	•	•	•	•	•	•	•
	100013538	OPS	Digital Signage Player	•	•	•	•	•	•	•	•	•	•
	100013612	OPS	HDBaseT Receiver	•	•	•	•	•	•	•	•	•	•
	100013510	Interface Extension	Analog Video Expansion Board	•	•	•	•	•	•	•	•	•	•
	100013511	Interface Extension	BMC Expansion Board	•	•	•	•	•	•	•	•	•	•
	100013512	Interface Extension	Digital Video Expansion Board	•	•	•	•	•	•	•	•	•	•
UN551S				•	•	•	•	•	•	•	•	•	•
UN551VS				•	•	•	•	•	•	•	•	•	•
X554UNS / X555UNS				•	•	•	•	•	•	•	•	•	•
X554UNV-2 / X555UNV				•	•	•	•	•	•	•	•	•	•
X464UNV-2				•	•	•	•	•	•	•	•	•	•
X401S (PG)*				•	•	•	•	•	•	•	•	•	•
X462S (PG)*				•	•	•	•	•	•	•	•	•	•
X552S (PG)*				•	•	•	•	•	•	•	•	•	•
X474HB				•	•	•	•	•	•	•	•	•	•
X554HB				•	•	•	•	•	•	•	•	•	•
X754HB				•	•	•	•	•	•	•	•	•	•
X551UHD				•	•	•	•	•	•	•	•	•	•
X651UHD-2 (SST)*				•	•	•	•	•	•	•	•	•	•
X841UHD-2 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
X981UHD-2 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
P403 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
P463 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
P553 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
P703 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
P801 (PG, SST)*				•	•	•	•	•	•	•	•	•	•
V323-2 (PG)*				•	•	•	•	•	•	•	•	•	•
V423				•	•	•	•	•	•	•	•	•	•
V463				•	•	•	•	•	•	•	•	•	•
V552				•	•	•	•	•	•	•	•	•	•
V652				•	•	•	•	•	•	•	•	•	•
V801				•	•	•	•	•	•	•	•	•	•
V423 TM-2				•	•	•	•	•	•	•	•	•	•
V463 TM-2				•	•	•	•	•	•	•	•	•	•
V552 TM				•	•	•	•	•	•	•	•	•	•
V652 TM				•	•	•	•	•	•	•	•	•	•
V801 TM				•	•	•	•	•	•	•	•	•	•
E705 (SST)*				•	•	•	•	•	•	•	•	•	•
E805 (SST)*				•	•	•	•	•	•	•	•	•	•
E905 (SST)*				•	•	•	•	•	•	•	•	•	•

Compatibility



OPS Slot-In PC



OPS HD-SDI Board



OPS Slot

Definitions

•	Compatible
-	Not Compatible

\*Please note: Multi-touch is only supported by OPS PC's using Windows 7P. Windows 7 embedded does not support multi-touch.

# LED Modules



LED wall installation at ODEON Cinemas, London

Indoor and outdoor LED video wall modules enable creative attention grabbing walls of intensely bright images for the brightest environments and long distance viewing. With the S[quadrat] manufactured LED modules, NEC is offering secure outstanding image quality and easy maintenance to represent your business as you expect it. These high quality LEDs also ensure longevity and flexibility to future-proof your investment.

Indoor LED

**1.2 mm to 10.0 mm**

Outdoor LED

**3.9 mm to 20.0 mm**

## LED Modules

**Indoor LED** Combining ultimate visual experience with maximum versatility, the new indoor LED products provide crystal clear and extra sharp image quality. The LED LiFT fine pitch LED products are perfectly supporting any high definition content visualisation and can be installed for use in many areas. Minimised maintenance times and efforts are ensured thanks to its highly intelligent, front serviceable cabinet design.

**Outdoor LED** The outdoor LED systems shine bright in areas with high levels of ambient light and where the harsh environment of sunlight or rain would usually affect the performance. The wide range of outdoor products allows perfect readability from any viewing distance. Thanks to the highest flexibility in system modularity, there is almost no limitation in screen size. Low operational and maintenance costs and a high durability support a safe and future-proof investment.

## Indoor LED Modules

	<b>L012Si*</b>	<b>L015Si</b>	<b>L019Si</b>	<b>L023Si</b>	<b>L038Si</b>	<b>T040Si</b>	<b>T060Si</b>	<b>T100Si</b>
Order Code	TBD	60004139	60004123	60004124	60004125	60004127	60004128	60004157
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
Number of Pixel per m <sup>2</sup>	623334	398892	277008	178000	69570	62500	27777	10000
Pixel Pitch [mm]	1,266	1.583	1.9	2.375	3.8	4	6	10
Brightness (typ.) [cd/m <sup>2</sup> ]	800	800	900	1000	1200	1500	1500	2000
Contrast Ratio (typ.)	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	5000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Viewing Angle Hor / Vert [°]	160 / 160	160 / 160	160 / 160	160 / 160	160 / 160	140 / 140	140 / 140	140 / 140
Dimming Capability	256 level	256 level	256 level	256 level	256 level	256 level	256 level	256 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 3000 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz
Digital Inputs	DVI	DVI	DVI	DVI	DVI	DVI	DVI	DVI
Power Consumption [W] per sqm	280W (typical) 800W (max)	240W (typical) 680W (max)	240W (typical) 680W (max)	240W (typical) 680W (max)	220W (typical) 620W (max)	255W (typical) 765W (max)	195W (typical) 640W (max)	180W (typical) 540W (max)
Dimensions (W x H x D) [mm]	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	608 x 342 x 90	480 x 480 x 166	480 x 480 x 166	960 x 960 x 166
Weight per sqm [kg]	46	46	46	46	46	78	78	39
IP Level	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Serviceability	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)



LED LIFT

## Outdoor LED Modules

	<b>L039Se*</b>	<b>T060Se</b>	<b>L063Se*</b>	<b>T080Se</b>	<b>T100Se</b>	<b>T160Se</b>	<b>T160SeD</b>	<b>T200SeD</b>
Order Code	TBD	60004142	TBD	60004158	60004140	60004156	60004155	60004154
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD	DIP	DIP
Number of Pixel per m <sup>2</sup>	65536	27775	25600	15625	10000	3906	3906	2500
Pixel Pitch [mm]	3.91	6	6.25	8	10	16	16	20
Brightness (typ.) [cd/m <sup>2</sup> ]	5000	6000	5000	6000	6000	6000	6000	6000
Contrast Ratio (typ.)	3000:1	6000:1	3000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Viewing Angle Hor / Vert [°]	140 / 140	140 / 140	140 / 140	140 / 140	140 / 140	140 / 140	120 / 60	120 / 60
Dimming Capability	256 level	256 level	256 level	256 level	256 level	256 level	256 level	256 level
Gamma Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Refresh Rate	> 1920 Hz	> 4200 Hz	> 1920 Hz	> 4200 Hz	> 4200 Hz	> 4200 Hz	> 2880 Hz	> 2880 Hz
Digital Inputs	DVI	DVI	DVI	DVI	DVI	DVI	DVI	DVI
Power Consumption [W]	245W (typical) 700W (max)	270W (typical) 800W (max)	245W (typical) 700W (max)	180W (typical) 730W (max)	180W (typical) 730W (max)	180W (typical) 730W (max)	210W (typical) 640W (max)	180W (typical) 430W (max)
Dimensions (W x H x D) [mm]	500 x 500 x 78	1152 x 1152 x 210	500 x 500 x 78	1152 x 1152 x 210	1280 x 960 x 210	1280 x 960 x 215	1280 x 960 x 215	1280 x 960 x 230
Weight per sqm [kg]	36	49	36	49	56	45	49	49
IP Level (front / back)	IP65 / IP65	IP65 / IP54	IP65 / IP65	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Serviceability	Front and Rear	Rear (Front Optional)	Front and Rear	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)	Rear (Front Optional)

# Software



## NaViSet Administrator 2

All-in-one support system for NEC products

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries.

For more detailed information please visit:  
[www.nec-display-solutions.com/naviset](http://www.nec-display-solutions.com/naviset)



## Hiperwall Video Wall Solution

Video wall Content and Source Management Software

The preferred choice in mission critical applications, such as control rooms to visualise information from multiple data sources via video walls, projection, large format displays and LED walls. With Hiperwall, the management of vast amounts of information combined with high flexibility enables the operator to visualise crucial real-time content.

The software handles large video wall installations as if it was just one screen, avoiding any visual limitations thus ensuring the highest productivity by focusing on the information and not on the usage of technology.





## NEC DisplayNote

### Next Generation Interactive Learning

DisplayNote NEC Edition is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors and Large Format Displays to create the ideal collective presentation solution for learning establishments.

For more detailed information please visit:  
[www.displaynote-nec.com](http://www.displaynote-nec.com)

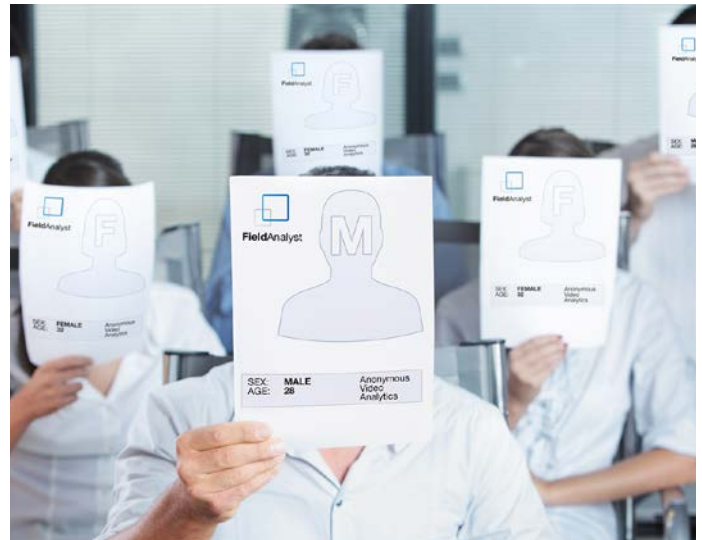


## FieldAnalyst

### Digital Audience Measurement

FieldAnalyst software is based on facial detection. It automatically detects human presence while estimating age, gender, distance and viewing time, counting the number of people from anonymous images captured by video cameras. This is delivering a basis for staffing, providing feedback about advertising efforts by counting traffic or enabling dynamic adoption of digital signage content to address the target group actually present.

FieldAnalyst is providing the tool to create & measure successful communication base on real-time data – connecting the offline world to be online.



## leafengine

### Context Aware Digital Signage

To create smarter signage, it is necessary to consider the context: Has a product been picked-up to give additional information? Is there someone close to a display to get more details? Connecting sensors individually into digital signage proves to be a challenge for scalability.

The leafengine offers a single interface to a growing number of sensors: Engaging customers by delivering essential information and providing statistical data about customer presence and perception. A middleware enabling quick and scalable integration supporting digital signage to adopt to IoT - the Internet of Things!



## Vukunet

### The Engine that Powers the DOOH Industry

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and delivering an advertising campaign. Developed by NEC, it forms part of a market leading suite of digital signage products and services.

For more detailed information please visit:

[www.vukunet-nec.com](http://www.vukunet-nec.com)



## MultiPresenter

### The missing link to easy Wireless Presenting

Frustration caused by connectivity or networking issues and a jumble of cable in meeting rooms are all too common, sapping valuable time and resources. NEC's MultiPresenter® provides the missing link to achieve a seamless collaborative environment.

Wirelessly connect up to sixteen devices at a time via the small HDMI MultiPresenter® stick to enable effortless presentation using NEC projectors and large format displays. Any Windows, OSx, Android or iOS device is simply paired via a PIN to instantly present and share content with other participants.



## Reactiv STAGE

### Interactive Presentation Software

Reactiv STAGE allows you to engage your audience through its easy to use and intuitive interface. Present your ideas, promote your products, convey your message, annotate and save your thoughts ... all in a flash. Stimulate your audience!

STAGE's industry leading multi-pen technology will allow multiple users to annotate one or more documents at the same time. Annotate now, read later; STAGE's unique feature lets you store your annotations during a presentation in the original document format. STAGE has the ability to auto-detect and differentiate between stylus, eraser and the user's finger, resulting in a seamless and natural interaction.



# Professional Service

## NEC ReTrade

### Trade in your old projector when you trade-up to NEC

Make your next projector purchase an NEC and you could trade-in your old projector for cash and take comfort that you are doing your part in preserving resources and creating a sustainable environment.

For more detailed information please visit:  
[www.nec-display-solutions.com/retrade](http://www.nec-display-solutions.com/retrade)



## NEC Green Vision

### Green without compromise

With the 'Green Vision' environmental initiative, NEC strives to help to create a sustainable society friendly to humans and our planet.

### Intuitive Eco Modes

One Click or Auto ECO Modes help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

### AV Mute

Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

### Human and Ambient Light Sensors

The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

For more detailed information please visit:  
[www.green-vision-nec.com](http://www.green-vision-nec.com)

## NEC Service Plus

### A commitment to quality

NEC Service Plus takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the serviceplus promise.

- 5 years warranty
- Ad hoc warranty extension
- 24/7 for selected displays and projectors
- De-/Re-install service

For more detailed information please visit:  
[www.nec-display-solutions.com](http://www.nec-display-solutions.com) / Choose support



# Projectors



Our award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications) as well as Digital Cinema projectors delivering the most exceptional image quality, brightness, resolution, contrast and colour together with a wealth of new revenue generation opportunities.

## Education

With a traditional focus on Education, many of our projectors include special education warranties and solutions bundled with free software that helps you get connected, share content or maintain control when the remote is lost!

More information on NEC Education Solutions:  
[www.education-nec.com](http://www.education-nec.com)



## Mobile Projectors

- L Series Ideal for presentation on the move, ultra-light weight and elegant
- V Series For classrooms, small meeting rooms, private/professional and mobile

## Desktop Projectors

- M Series Suited for classrooms and small to medium sized meeting rooms

## Short Throw Projectors

- M Series Suited for classrooms and small to medium sized meeting rooms.

## Ultra Short Throw Projectors

- U-UM-UMi For meeting rooms and digital signage applications, as well as for classrooms where space is at a premium

## Professional Projectors

- P Series Best solution for larger meeting rooms and university lecture halls

## Installation Projectors

- PA Series Ideal for corporate, high education and rental.
- PX Series Rental / staging, large corporate, high education, conference room, museums
- PH Series Best solution for rental/staging, high education and digital signage museums

## Digital Cinema Projectors

- NC Series Cinema projectors for multi-national chains and single venues

## Mobile Projectors

Compact, lightweight projectors with attractive design. Ideal for mobile presentation or desktop applications.

1000 - 3300 ANSI Lumen

L102W LED

V Series



## Desktop Projectors

Flexible and professional desktop projectors – predestined for business and educational use.

2700 - 4000 ANSI Lumen

M Series



## Short-Throw Projectors

Short-throw lens eliminates the shadows and glare caused by traditional front projection systems and helps to free up space.

3000 - 3500 ANSI Lumen

M Series



## Ultra-Short-Throw Projectors

Projectors offering ultra-short throwing distance, 3D ready and low cost of ownership for corporate and educational applications in classrooms and (small) meeting rooms – ideal for interactive whiteboards.

3000 - 3600 ANSI Lumen

U Series

UM Series

UMI Series



## Professional Projectors

The award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications). Excellent brightness and attractive price/performance ratio.



## 4500 - 5000 ANSI Lumen

P Series

## Installation Projectors

Projectors for multiple business applications – with excellent brightness and connectivity. Ideal for fixed installation purposes.

## 5200 - 13500 ANSI Lumen

PA Series

PH Series

PX Series



## L Series | Mobile

## V Series | Mobile

	L102W LED	V302H	V332W	V302W	V332X	V302X
Order Code	60003452	60003897	60003896	60003895	60003894	60003893
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	16:10	16:9	16:10	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	1000	3000	3300	3000	3300	3000
Contrast Ratio	10000:1	8000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.4:1	1.50 - 1.80:1	1.55 - 1.70:1	1.55 - 1.70:1	1.95 - 2.15:1	1.95 - 2.15:1
Projection Distance [m]	0.52 – 3	1.3 - 12	1 - 11	1 - 11	1.2 – 13	1.2 – 13
Projection Angle [°]	13.8	11.7 - 14.0	13 - 14.2	13 - 14.2	12.8 - 14.0	12.8 - 14.0
Screen Size (cm / inch)	min: 43.2 / 17 max: 254 / 100	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300	min: 76 / 30 max: 762 / 300
Zoom / Focus	Digital / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	HDMI, SD Card, RGB in, optional WLAN, USB A, Mini-USB, Video, Audio In/Out	2 HDMI, RGB: In/Out, Video, LAN, PC Control, USB B, Audio: 3 In, 1 Out		2 HDMI, RGB: In/Out, Video, LAN, PC Control, USB B, Audio: 3 In, 1 Out		
Power Use [W AC] High Bright / Normal / Power-Saving	107 / 84 / 0.5	266 / 207 / 0.5	263 / 204 / 0.5	237 / 194 / 0.5	263 / 204 / 0.5	237 / 198 / 0.5
Lamp Life Normal / ECO [hrs.]	LED Light Source	3500 / 6000	3500 / 6000	4500 / 6000	3500 / 6000	4500 / 6000
Dimensions (W x H x D) [mm]	238 x 44 x 177	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250	324 x 101 x 250
Weight [kg]	1.36	2.9	2.8	2.7	2.8	2.7
Speakers (mono) [W]	1 x 2	1 x 8	1 x 8	1 x 8	1 x 8	1 x 8
TCO	•	-	-	-	-	-
Education Warranty Available	-	•	•	•	•	•
NaViSet Administrator 2	•	•	•	•	•	•

## M Series | Desktop

	M271X	M311X	M311W	M322H	M323X	M323W	M363X
Order Code	60003404	60003405	60003407	60003888	60003973	60003972	60003980
Projection Technology	3LCD	3LCD	3LCD	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	4:3	4:3	16:10	16:9	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2700	3100	3100	3200	3200	3200	3600
Contrast Ratio	3000:1	3000:1	3000:1	8000:1	10000:1	10000:1	10000:1
Projection Factor	1.3 – 2.2:1	1.3 – 2.2:1	1.3 – 2.2:1	1.2 – 2.1:1	1.5 – 2.5:1	1.2 – 2.04:1	1.5 – 2.5:1
Projection Distance [m]	0.6 – 13.8	0.6 – 13.8	0.7 – 14.7	0.74 – 14.08	0.89 - 15.93	0.75 - 13.49	0.89 - 15.93
Projection Angle [°]	6.5 – 11.4	6.5 – 11.4	6.5 – 11.4	9.9 - 17.9	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6
Screen Size (cm / inch)	min: 63.5 / 25 max: 762 / 300	min: 63.5 / 25 max: 762 / 300	min: 63.5 / 25 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectivity	HDMI, RGB: 2 In, 1 Out, Video, S-Video, 2 LAN, optional WLAN, USB A, USB B, PC Control, Audio: 3 In, 1 Out	HDMI, RGB: 2 In, 1 Out, Video, S-Video, LAN, optional WLAN, 2 USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In	HDMI, RGB: 2 In, 1 Out, Video, S-Video, LAN, optional WLAN, 2 USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	239 / 193 / 172 / 0.4	239 / 193 / 172 / 0.4	302 / 236 / 211 / 0.4	335 / 278 / 246 / 0.4	283 / 218 / 186 / 0.4	283 / 218 / 186 / 0.4	316 / 240 / 205 / 0.4
Lamp Life Normal / ECO [hrs.]	6000 / 10000	6000 / 10000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	367 x 107 x 291	367 x 107 x 291	367 x 107 x 291	367 x 97 x 285
Weight [kg]	2.99	2.99	2.99	3.7	3.4	3.4	3.5
Speakers [W]	1 x 10	1 x 10	1 x 10	1 x 20	1 x 20	1 x 20	1 x 20
TCO	-	-	•	-	-	-	•
Education Warranty Available	•	•	•	•	•	•	•

## M Series | Desktop

## M Series | Short-Throw

	M363W	M403X	M403W	M403H	M302WS	M333XS	M353WS
Order Code	60003976	60003979	60003978	60003977	60003578	60003580	60003975
Projection Technology	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™	DLP™
Aspect Ratio	16:10	4:3	16:10	16:9	16:10	4:3	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3600	4000	4000	4000	3000	3300	3500
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.2 – 2.04:1	1.5 – 2.5:1	1.2 – 2.04:1	1.2 – 2.1:1	0.45:1	0.56:1	0.45:1
Projection Distance [m]	0.76 – 13.53	0.89 - 15.93	0.75 - 13.49	0.74 – 14.08	0.56 – 1.48	0.68 – 1.76	0.57 – 1.48
Projection Angle [°]	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6	9.9 - 17.9	40.7 - 40.9	40.7 - 40.8	40.7 - 40.9
Screen Size (cm / inch)	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300	min: 76.2 / 30 max: 762 / 300		min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150	min: 152.4 / 60 max: 38.1 / 150
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual		Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, USB A, USB B, PC Control, Audio: 2 In, 1 Out, Micro In, 3D Sync
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	316 / 240 / 205 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	286 / 224 / 202 / 0.4	338 / 276 / 221	335 / 278 / 246 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5500 / 8000
Dimensions (W x H x D) [mm]	367x 97 x 285	367 x 97 x 285	367 x 97 x 285	367 x 97 x 285	368 x 97 x 286	367 / 133 / 291	367 / 133 / 291
Weight [kg]	3.5	3.5	3.5	3.7	3.6	3.7	3.6
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•	•

	U321H	U321Hi-MT	U321Hi-MP	UM351W	UM-351Wi-MT	UM-351Wi-MP	UM-352Wi-MT	UM-352Wi-MP
Order Code	60003952	60003945	60003944	60003842	60003941	60003910	60003955	60003889
Projection Technology	DLP™	DLP™	DLP™	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:9	16:9	16:9	16:10	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3200	3200	3200	3500	3500	3500	3500	3500
Contrast Ratio	10000:1	10000:1	10000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.25:1	0.25:1	0.25:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.195 - 0.306	0.195 - 0.306	0.195 - 0.306	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51
Projection Angle [°]	57	57	57	49.2	49.2	49.2	49.2	49.2
Screen Size (cm / inch)	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 216 / 85 max.: 254 / 100	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110	min.: 147.3 / 58 max.: 279 / 110
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	HDMI, RGB In, Video, USB B, PC Control	2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B Audio 3 In, 1 Out, Micro In			2 HDMI, RGB In/Out, Video, LAN, optional WLAN, PC Control, 2 USB A, USB B Audio 3 In, 1 Out, Micro In	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	326 / 261 / 216 / 0.5	326 / 261 / 216 / 0.5
Lamp Life Normal / ECO [hrs.]	3000 / 4000	3000 / 4000	3000 / 4000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000
Dimensions (W x H x D) [mm]	383 x 85 x 308	383 x 85 x 308	383 x 85 x 308	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	4.7	4.7	4.7	5.6	5.6	5.6	5.6	5.6
Speakers [W]	1 x 8	1 x 8	1 x 8	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	●	●	●	●	●	●
Multi-Touch	-	●	-	-	●	-	●	-
Multi-Pen	-	-	●	-	-	●	-	●

UM | UMI Series | Ultra-Short-Throw

	UM301W	UM301Wi-MT	UM301Wi-MP	UM361X	UM361Xi-MP	UM301X	UM301Xi-MP
Order Code	60003840	60003940	60003908	60003843	60003911	60003841	60003909
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	4:3	4:3	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	3000	3000	3000	3600	3600	3000	3000
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1	0.36:1
Projection Distance [m]	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51
Projection Angle [°]	49.2	49.2	49.2	53.1	53.1	53.1	53.1
Screen Size (cm / inch)	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 147.5 / 58 max: 279 / 110	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6	min: 156.2 / 61.5 max: 296.2 / 116.6
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectivity	2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In			2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In		2 HDMI, RGB: In/Out, Video, LAN, optional WLAN, 3 USB A, PC Control, Audio: 2 In, 1 Out, Micro In	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 6000	5000 / 6000	5000 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.5	5.5	5.5	5.6	5.6	5.5	5.5
Speakers [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	●	●	●	●	●	●	●
Multi-Touch	-	●	-	-	-	-	-
Multi-Pen	-	-	●	-	●	-	●



	P451W	P501X	P502H	P502W	P502HL	PA621U	PA671W
Order Code	60003449	60003450	60003901	60003900	60003694	60003661	60003660
Projection Technology	3LCD	3LCD	DLP™	DLP™	DLP™	3LCD	3LCD
Aspect Ratio	16:10	4:3	16:9	16:10	16:9	16:10	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	4500	5000	5000	5000	5000	6200	6700
Brightness in ECO Mode [approx. %]	80	80	80	80	80*	80	80
Contrast Ratio	4000:1	4000:1	6000:1	6000:1	15000:1	6000:1	6000:1
Lens [mm]	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 2.0 - 2.5 f= 18.2 - 31.1	F= 2.0 - 2.5 f= 18.2 - 31.1	F= 2.0 - 2.5 f= 18.2 - 31.1	optional	optional
Lens: optional bayonet lenses	No optional lens	No optional lens	No optional lens	No optional lens	No optional lens	6	6
Projection Factor (std. option)	1.3 - 2.2:1	1.3 - 2.2:1	1.24 - 2.11 : 1	1.3 - 2.21 : 1	1.24 - 2.1:1	1.5 - 3.02:1 (NP13ZL)	1.5 - 3.02:1 (NP13ZL)
Projection Distance [m]	0.7 - 14.6	0.6 - 13.8	0.8 - 14.5	0.8 - 14.5	0.8 - 14.2	0.7 (NP11FL) 76.4 (NP15ZL)	
Screen Size (cm / inch)	min.: 64 / 25 max.: 762 / 300	min.: 64 / 25 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Connectivity	2 HDMI, RGB In/Out, S-Video, PC Control, RCA In, 2 USB A, USB B, LAN, optional WLAN, Audio: 2 In, 1 Out, Micro In		2 HDMI, HDBaseT, RGB In/Out, PC Control, RCA In, 2 USB A, LAN, optional WLAN, Audio: 2 In, 1 Out, 3D Sync			HDMI: 2 In, 1 Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	
Power [W AC] Standard / ECO / Power-Saving	292 / 231 / 0.4	292 / 231 / 0.4	305 / 366 / 0.3	305 / 366 / 0.3	442 / 347 / 0.3	460 / 362 / 0.16	460 / 362 / 0.16
Lamp Power: Normal / ECO [W / UHP AC]	270 / 163	270 / 163	375 / -	375 / -	Laser Light Source	350 / 264	350 / 264
Lamp Life: Hi Br / Normal / ECO [hrs.]	3500 / 4000 / 6000	3500 / 4000 / 6000	3000 / 4000 / 5000	3000 / 4000 / 5000	20000	- / 3000 / 4000	- / 3000 / 4000
Dimensions (W x H x D) [mm]	398 x 115 x 282	398 x 115 x 282	362 / 129 / 302	362 / 129 / 302	469 x 137 x 365	499 x 142 x 359	499 x 142 x 359
Weight [kg]	4.1	4.1	5.2	5.2	8.8	8.4	8.4
Speakers [W]	1 x 16	1 x 16	1 x 20	1 x 20	1 x 20	1 x 10	1 x 10
Education Warranty Available	•	•	-	-	-	-	-

	PA622U	PA522U	PA672W	PA572W	PA722X	PX700W	PX800X
Order Code	60003444	60003640	60003445	60003641	60003446	60003828	60003830
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	DLP™	DLP™
Aspect Ratio	16:10	16:10	16:10	16:10	4:3	16:10	4:3
Native Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	6200	5200	6700	5700	7200	7000	8000
Brightness in ECO Mode [approx. %]	80	80	80	80	80	80	80
Contrast Ratio	6000:1	5000:1	6000:1	5000:1	5000:1	2100:1 DB™	2100:1 DB™
Lens [mm]	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses	6	6	6	6	6	7 (6 with LM)	7 (6 with LM)
Projection Factor (std. option)	1.5 - 3.02:1 (NP13ZL)	1.5 - 3.02:1 (NP13ZL)	1.5 - 3.02:1 (NP13ZL)	1.5 - 3.02:1 (NP13ZL)	1.5 - 3.02:1 (NP13ZL)	0.76:1 & 1.25 - 8.3:1	0.76:1 & 1.25 - 8.3:1
Projection Distance [m]	0.7 (NP11FL) 76.4 (NP15ZL)		0.7 (NP11FL) 76.4 (NP15ZL)			0.8 (NP16FL) 54 (NP21ZL)	
Screen Size (cm / inch)	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Motorised	Motorised
Connectivity	HDMI: 2 In, 1 Out, HDBaseT, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In			HDMI: 2 In, 1 Out, HDBaseT, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional, USB A, PC Control, Audio: 6 In, 1 Out, 3D Sync, In / Out Remote In		HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, Remote in	
Power [W AC] Standard / ECO / Power-Saving	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	460 / 362 / 0.16	494 / 405 / 0.4	489 / 404 / 0.4
Lamp Power: Normal / ECO [W / UHP AC]	350 / 264	330 / 264	350 / 264	330 / 264	350 / 264	2 x 400 / 2 x 320	2 x 400 / 2 x 320
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 2000 / 2500	- / 2000 / 2500
Dimensions (W x H x D) [mm]	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	504 x 192 x 516	504 x 192 x 516
Weight [kg]	8.4	8.4	8.4	8.4	8.4	19.7	19.7
Speakers [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	-	-
Education Warranty Available	-	-	-	-	-	-	-

\* Brightness in Normal Mode [approx. %]

	PX1004UL*	PX803UL	PX602UL	PX602WL	PH1400U	PH1201QL	PH1202HL
Order Code	60004235 (BK), 60004077 (WH)	60004004 (BK), 60004010 (WH)	60003795 (BK), 60003695 (WH)	60003794 (BK), 60003696 (WH)	60003442	60003698	60003902
Projection Technology	DLP™	DLP™	DLP™	DLP™	3-chip DLP™ Technology	DC4K Chip - DLP™ Technology	3-chip DLP™ Technology
Aspect Ratio	16:10	16:10	16:10	16:10	16:10	19:10	16:9
Native Resolution	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1920x1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	4096 x 2160 (4K)	1920 x 1080 (1080p)
Brightness [ANSI Lumen]	10000	8000	6000	6000	13500	12000	12000
Brightness in ECO Mode [approx. %]	80	80	80	80	75	85	75
Contrast Ratio (DB™ = with DynamicBlack™)	10000:1	10000:1	10000:1	10000:1	2000:1	2000:1	10000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	8 (6 with LM)	8 (6 with LM)	5	5	7 (6 with LM)	9 with LM	6 with LM
Projection Factor (std. option)	depending on lens selection	depending on lens selection	0.75:1 - 5.50:1	0.79:1 - 5.78:1	0.67:1 & 0.9 - 6.96:1	0.9:1 & 1.13:1 - 7.4:1	0.9:1 - 6.76:1
Projection Distance [m]	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.02 - 19.39	1.02 - 19.39	1.1 (NP25FL) 74 (NP29ZL)	depending on lens selection	depending on lens selection
Screen Size (cm / inch)	min.: 127 / 50 max.: 760 / 300	min.: 127 / 50 max.: 760 / 300	min.: 127 / 50 max.: 762 / 300	min.: 127 / 50 max.: 762 / 300	min.: 203 / 80 max.: 1720 / 500	min.: 203 / 80 max.: 1720 / 500	min.: 152 / 60 max.: 1524 / 600
Lens Adjustment	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised
Connectivity	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, Audio: 5 In, 1 Out, 3D Sync Out, Remote In	HDMI In/Out, DP, HDBaseT RGB: 2 In, S-Video, Video LAN, USB A, PC Control, OPS Slot, Remote In	HDMI, DP, RGB: 3 In, 1 Out, S-Video, LAN, optional WLAN, 2 USB A, PC Control, OPS Slot, 3D Sync Out/In, 3D DVI In, Remote in	2 HDMI, 2 DVI-D, 4 3G-SDI	HDMI In/Out, DP, HDBaseT, 2 RGB In, Video, S-Video, LAN, USB A, PC Control, 3D Sync Out, OPS slot
Power [W AC] Standard / ECO / Power-Saving	1400 / TBD / TBD	850 / 446 / 0.27	550 / 270 / <0.5	550 / 270 / <0.5	705 / 585 / 0.5	1600 / - / -	1392 / 752 / 0.5
Lamp Power: Normal /ECO [W / UHP AC]	Laser Light Source		Laser Light Source		2 x 465 / 2 x 365	Laser Light Source	
Lamp Life: Hi Br / Normal / ECO [hrs.]	20000	20000	20000	20000	- / 2500 / 3000	20000	- / 20000 / 30000
Dimensions (W x H x D) [mm]	500 x 205 x 580	500 x 205 x 580	484 x 195 x 509	484 x 195 x 509	558 x 235 x 578	700 x 323 x 935	680 x 333 x 860
Weight [kg]	28	28	18.5	18.5	39	67.5	68

## Upgrade Options

Option Boards for PX & PH Series		
Slot Option	Format	Order Code
Celeron N2807 2 x 1.58 GHz	OPS	100013752
	OPS standard	100014256
Celeron G3900E 2 x 2.4GHz	OPS configurable	100014266
	OPS standard	100014257
Core i3 6100E 2 x 2.7GHz	OPS configurable	100014209
	OPS standard	100014259
Core i5 6440EQ 4 x 2.7GHz	OPS configurable	100014210
	OPS standard	100014260
Core i7 6820EQ 4 x 2.8GHz	OPS configurable	100014212
	OPS	100012893
HD-SDI 1.5G	OPS	100012947
HD-SDI 3G	OPS	100014188
OPS-2C HMDI DP	OPS	100014173
Quad 3G SDI	OPS	100013538
Digital Signage Player	OPS	10001316
HDBaseT Sender	OPS	100013612
HDBaseT Receiver	ext.	



OPS SLOT-IN PC



OPS HD-SDI BOARD

\* Specification subject to change until launch

## Digital Cinema Projectors

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### NC Series

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[www.digital-cinema-nec.com](http://www.digital-cinema-nec.com)



## Digital Cinema

	NC900C	NC1000C	NC1200C	NC1201L	NC2000C	NC3200S	NC3240S	NC1040L	NC1440L
Order Code	60003356	60004093	60002948	60003926	60002815	60002816	60003070	60003623	60003664
DMD	DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology		
Screen Sizes	up to 9.5 m	up to 10.6 m	up to 14 m	up to 12 m	up to 20 m	up to 32 m	up to 32 m	up to 9.5 m	up to 14 m
Light Source	350 W x 2 NSH Lamps	400 W x 2 NSH Lamps	max 2.0KW	Laser Light Source	max 4.0KW	max. 7.0KW	max. 7.0KW	External laser light source connected by fiber tube	External laser light source connected by fiber tube
Contrast Ratio (full on/off)	> 1800:1	> 1800:1	> 2200:1	> 1650:1	> 2200:1	> 2200:1	> 2200:1	> 2000:1	> 2000:1
DMD Specifications	2K, 0.69" DLP	2K, 0.69" DLP	2K, 0.98" DLP	2K, 0.69" DLP	2K, 1.25" DLP	2K, 1.25" DLP	4K, 1.38" DLP	4K, 1.38" DLP	4K, 1.38" DLP
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	621 x 314 x 798	621 x 314 x 798	700 x 503 x 990	680 x 333 x 860	700 x 503 x 990	700 x 503 x 1,124	700 x 503 x 1,124	737 x 364 x 1,042	737 x 364 x 1,042
Cooling Method	No Air Duct	No Air Duct	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m <sup>3</sup> /min	No Air Duct	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; No Air Duct	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; No Air Duct	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; No Air Duct



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