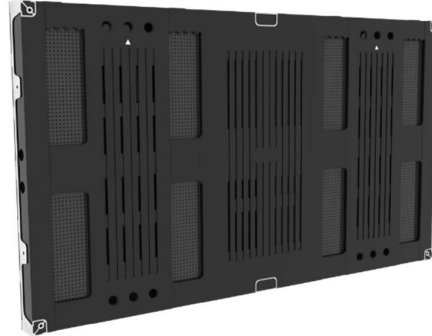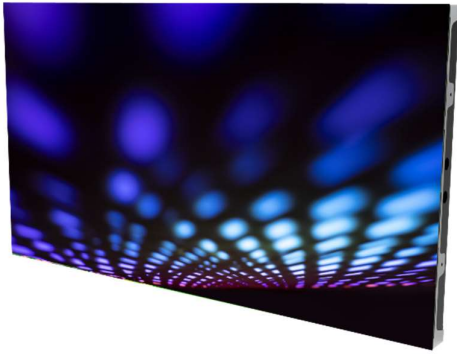Product Information Sheet
Indoor 1.8 mm Black Face LED Panel – VESA Mount

LED-PRO-N-VESA-1.8

High Resolution VESA mount brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's LED Solution delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's LED Solution provides long lasting NEC quality with industrial-grade power supplies in easy to install.

NEC's innovative VESA mount compatible PRO-N SMD series generates crisp, clear viewing without fading or distortion in any ambient light, whether it's day or night, bright or dark.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic as befits the latest innovation in digital content delivery. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long lasting performance for high impact display projects.

Benefits

Care-free installation – VESA 400 mount compatible with bundled solutions that deliver all you need to get your LED video wall up and running.

Large scale for perfectly detailed imagery – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

Slim design – with a flush rear profile, LED modules can be integrated very close to the wall with no gap necessary due to minimal heat emission.

Front serviceable modules – with front access to the LED modules, maintenance is easy.

Visual excellence – high contrast and high brightness is inherent in LED delivery, benefit from NEC's long lasting quality.

Product information

Product Code	LED-NU012NRB-C08
Product Group	Indoor LED 1.8 mm LED panel with VESA 400 x 400 mount capability

Display

Pixel Configuration	3-in 1 SMD (Black)
LED type	SMD (1515)
Panel Size [mm]	1212 x 682
Aspect Ratio	16:9
Pixel Pitch [mm]	1.8
Brightness (max.) [cd/m²]	800
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	6000:1
Viewing Angle [°]	160 horizontal / 160 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours	281 trillion
LED Driving Method	1/30 dynamic scan
Frame Rate	50/60 Hz
Refresh Rate [Hz]	< 3840
Colour Temperature [K]	2500 - 10000

Screen Resolution

Resolution	640 x 360
Resolution per m²	278,738
Number of Pixel per module [dot]	160 x 180
Number of Pixel per card [dot]	115,200

Connectivity

Input Video Digital	1 x HDMI 2.0; 1 x DP 1.2; 1 x DVI-D
Input Control	1 x GenLock; 1 x LAN; 1 x USB IN; 1 x USB OUT (Cascading)

Electrical

Total Power Consumption [W]	112 typ. / 330 max.
Power Consumption typ. [W]	135 per m² (normal use)
Power Consumption max. [W]	400 per m²

Environmental Conditions

Operating Temperature [°C]	-10 to 60
Operating Humidity [%]	10 to 90

Mechanical

Dimensions (W x H x D) [mm]	1212 x 682 x 58
Dimensions (W x H x D) [mm] per module	303 x 341 x 8
Weight [kg]	15

Additional Features

Shipping Content	LED Controller; LED Modules; Pixel Card Removal Tool; Spare Parts Kit
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP40
Certifications	CCC; CE; FCC Class B
Warranty	3 Year Conditional Warranty

For more information:

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