

NEC LED-FE019i2-E-165

Indoor LED 1.9 mm 165" FullHD Bundle

## Datasheet

### Benefits

**Care-free installation** - 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 minimal gap necessary due to very low 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 Name	NEC LED-FE019i2-E-165
Product Group	Indoor LED 1.9 mm 165" FullHD Bundle
Order Code	81000230

## Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1010)
Screen Size [inch/cm]	165 / 419
Aspect Ratio	16:9
Pixel Pitch [mm]	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	600
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	160 horizontal / 160 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours [Trill.]	281
LED Driving Method	1/30 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

## Screen Resolution

Resolution	1920 x 1080
Resolution per m <sup>2</sup>	277008
Number of Pixel per module [dot]	320 x 180
Number of Pixel per card [dot]	80 x 90

## Connectivity

Input Video Digital	1 x 3G SDI; 1 x DVI-D; 1 x HDMI
Input Control	1 x GenLock; 1 x LAN

## Electrical

Total Power Consumption [W]	2050 typ. / 4500 max.
Power Consumption typ. [W]	275 per m <sup>2</sup> (normal use)
Power Consumption max. [W]	600 per m <sup>2</sup>

## Environmental Conditions

Operating Temperature [°C]	-20 to 40
Operating Humidity [%]	10 to 80

## Mechanical

Dimensions (W x H x D) [mm] per module	608 x 342 x 49
Dimensions (W x H x D) [mm]	3,648 x 2,153.5 x 82
Weight [kg]	390

## Additional Features

Shipping Content	1x LED Controller; LED Modules (36 Cabinets, 288 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (6x6)
Special Characteristics	Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Single Data Receiving Cards; Single Power Supplies
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; ETL; FCC Class A; RoHS
Warranty	3 years
Material	Aluminum Cabinet

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