

INDOOR FIXED INSTALLATION
FRONT ACCESS MAINTENANCE
PERFECT SEAMLESS CONNECTION
THREE STEPS QUICK INSTALLATION



KEY FEATURES



ENERGY SAVIG



HIGH BRIGHTNESS



LIGHT WEIGHT



FRONT ACCESS



LARGE VIEWING ANGLE



ULTRA SLIM DESIGN



HIGH-DEFINITION DISPLAY



STANDARD PANEL DESIGN

Easy Installation And Maintenance

LED Cabinets Ultra Thin



Panel Size : 640mmx480mm

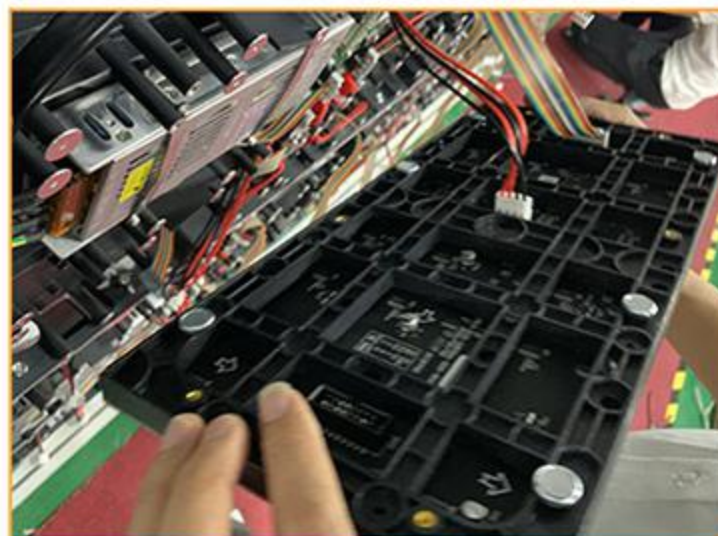
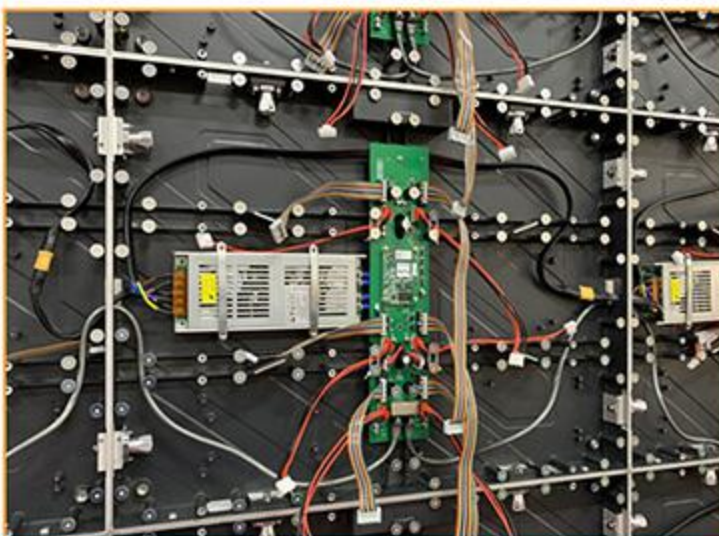


Panel Material : Die Casting Aluminum

Fast Installation & Maintenance

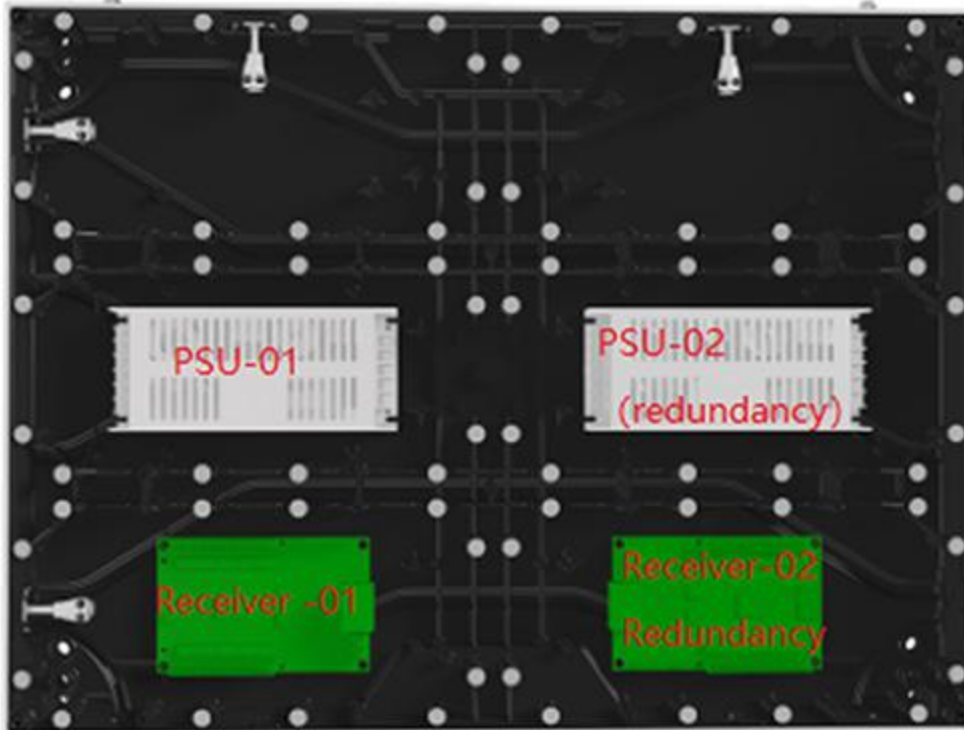


Perfect Seamless Connection



Hot Dual Backup For Signals

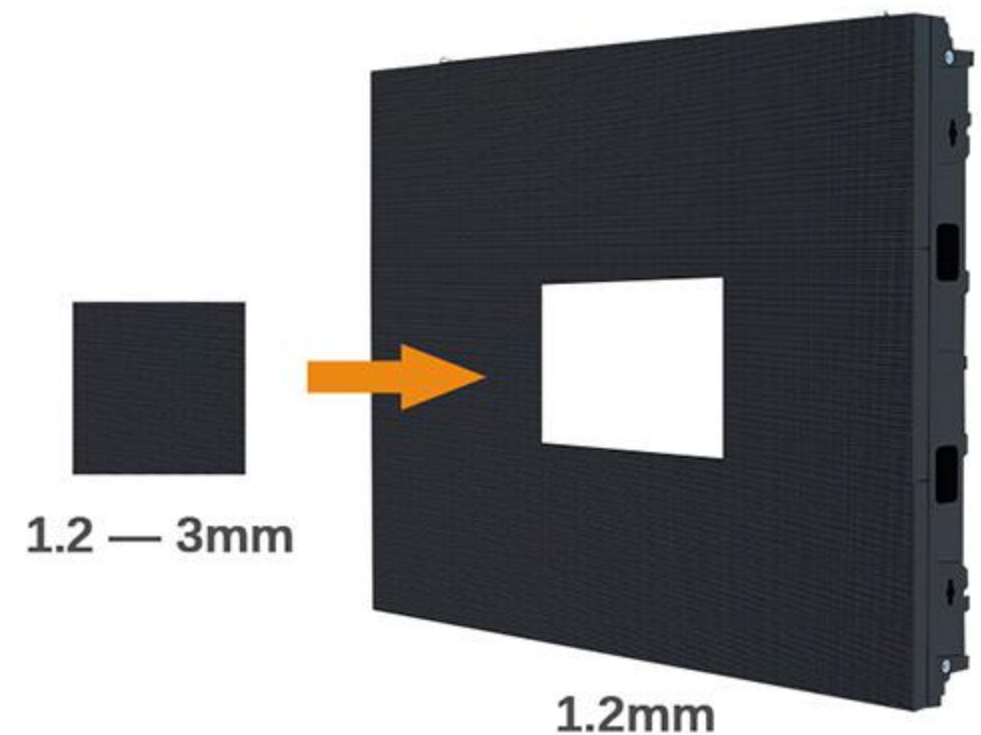
Redundancy Design



Power & Data are also designed with Redundancy. It solves problem caused by cabinet data or power failure guaranteeing reliability of LED display.

Universal & High compatibility

As N Series covers pixel pitches from 1.2mm to 3mm, any of them can be replaced by other pixel pitch. It makes stock keeping much easier for distributors and resellers. Time and cost will be reduced accordingly.



Front Service Design



N Series is also a front service product. Modules, receiving card, PSU etc all can be maintained from front via front service tool.

High Gray Scale & High Definition

Calibration Technology



(Before Calibration)



(After Calibration)

N series supports calibration technology. After calibration, the products brightness and color will perform more uniform and consistent

High Refresh Rate



(Low Refresh Rate)



(High Refresh Rate)

AS PWM IC driver was applied on E Series, it enhances visual refresh rate by reinforcing pulse wave width and dividing conducting time to numbers of shorter conducting time. Besides, GCLK frequency multiplier increases GCLK frequency to realize doubling refresh rate.

Installation



Floor-Standing Installation

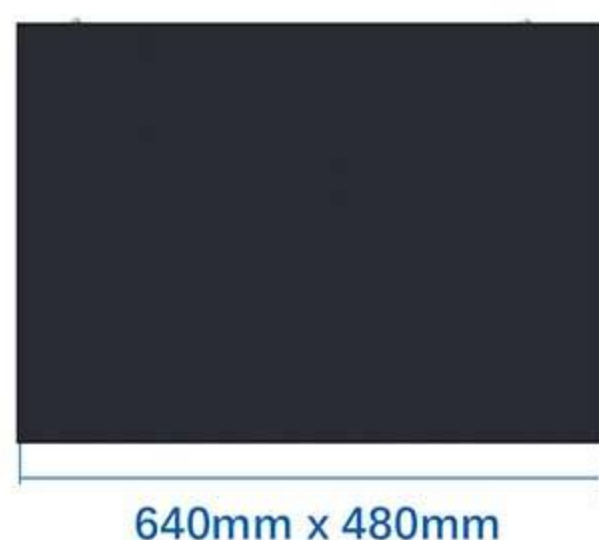








Wall-Mounted Installation

Project Applications



N Series Specifications



Specifications	TN181	TN201	TN251	TN301
LED Configuration	SMD1515	SMD1515	SMD2020	SMD2020
Pixel Pitch (mm)	1.86mm	2mm	2.5mm	3.076mm
Pixel Density (dots /m²)	288906	250000	160000	105688
Module Resolution(dots)	172x86	160x80	128x64	104x52
Module Size (W x H x D) /(mm)	320x160x15mm	320x160x15mm	320x160x15mm	320x160x15mm
Panel Resolution(dots)	88752	76800	49152	32448
Panel Resolution(H X V)	344x258	320x240	256x192	208x156
Panel Dimension (W x H x D)/(mm)	640x480x63mm	640x480x63mm	640x480x63mm	480x480x63mm
Panel Dimension (Inch)	25.20" x 19.05" x 2.48"	25.20" x 19.05" x 2.48"	25.20" x 19.05" x 2.48"	19.05" x 19.05" x 2.48"
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight(Per/ kg)	8Kg	6.8Kg	8Kg	8Kg
Grey Level	65536	65536	65536	65536
Refresh Rate (Hz)	≥3840	≥3840	≥1920	≥1920
Driving Mode(scan)	1/43	1/32	1/32	1/26
Max Brightness (nit)	≥600nit	≥600nit	1000nit	1200nit
Viewing Angle Horizontal	160	160	160	160
Viewing Angle Vertical	140	140	140	160
Max Power (W/m²)	≤510	≤453	≤457	≤600
Average Power (W/m²)	≤168	≤151	≤152	≤200
Operating Tem/Humidity	0-40°C, 10-90% RH			
Storage Tem/Humidity	-10-50°C, 10-90% RH			
IP Rating	IP3X/IP31			
Panel Maintenance Method	Front Service			
Certification	     			

NewStar

Display Solution

SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD

No.10, Kukeng Ave., Tongfuyu Industry Park,
Guanlan Str. Longhua District, Shenzhen City, China

+86 131 2896 3818

info@newstar-led.com

www.newstar-led.com

