

ILLUMINATE THE
WORLD OF DIGITAL





Who We Are

TECH LED Industries success lies in its commitment to running and executing projects with professionalism, expertise and in identifying strongly with their outcome. This sense of responsibility means we always strive to add value and are proactive in solving problems. Our approach is distinctly innovative. We constantly seek new ways to increase client value. We look to get the most out of advances in digitalisation, and embrace client technology platforms. We specially select teams for every project, to ensure each project gets the attention of the people who have the most relevant technical skills and knowledge.



Everything you need to elevate your business

Ready to level up your business with us?

Our Services

[Out door led screen solutions](#)

[Indoor led screen solutions](#)

[Way finding kiosk](#)

[Interactive kiosk](#)

[Out door Totems](#)

[Meeting room screens](#)

[3D screens](#)

[Cinemas signage screens](#)

[Transparent screens](#)

[Custom shape screens](#)

[Unipole screens](#)

[Arcade games and VR Solutions](#)

[IP Camera Security Solutions](#)

[Home Theater Solutions](#)



OUR VISION

Transform Tech led industries in to world class integrated solution provider in the led industry. Delighted Customers and Delighted Employees

OUR MISSION

Penetrating the new age, energy efficient LED technology in the field of complete LED video wall solutions with constant research and development.

THE COMPLETE LED VIDEO WALL AND DIGITAL SOLUTION PROVIDER



TEAM TECH LEDS

24 **X** 7 SUPPORT



Reliability and satisfaction guaranteed



Training and onsite support



Well Trained and Experienced staffs



Latest Technology

INDOOR FINE PITCH

GF SERIES LED DISPLAY CABINET

SPECIFICATIONS

Item	GF1.2	GF1.5	GF1.6	GF1.8	GF2	GF2.5	GF3	GF4
Pixel Configuration	SMD	SMD	SMD	SMD	SMD	SMD	SMD	SMD
Pitch (mm)	1.25	1.538	1.667	1.86	2	2.5	3.076	4
Module Resolution (WxH)	256x128	208x104	192x96	172x86	160x80	128x64	104x52	80x40
Module Size (mm)(WxH)	320x160	320x160	320x160	320x160	320x160	320x160	320x160	320x160
Module Weight (Kg)	0.48±0.05	0.48±0.05	0.48±0.05	0.48±0.05	0.45±0.05	0.45±0.05	0.275±0.05	0.4±0.05
Module Composition (WxH)	2x3	2x3	2x3	2x3	2x3	2x3	2x3	2x3
Cabinet Resolution (WxH)	512x384	416x312	384x288	344x258	320x240	256x192	208x156	160x120
Pixel Density (Point/m ²)	640000	422500	360000	288006	250000	160000	105625	62500
Cabinet Dimension (WxD, mm)	640x480x74	640x480x74	640x480x74	640x480x74	640x480x74	640x480x74	640x480x74	640x480x74
Unit Area (m ²)	0.3072	0.3072	0.3072	0.3072	0.3072	0.3072	0.3072	0.3072
Weight (kg/m ²)	7	7	7	7	7	7	7	7
Flatness(mm)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Brightness (nits)	≥450	≥450	≥450	≥450	≥450	≥600	≥600	≥600
Color Temperature (K)	3000-15000 Adjustable							
Horizontal Viewing Angle (°)	160	160	160	160	160	160	160	160

Vertical Viewing Angle (°)	140	140	140	140	140	140	140	140
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%
Chromaticity Uniformity (after correction)	±0.003Cx,Cy within							
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Max Power Consumption (W/m ²)	≤490	≤490	≤490	≤490	≤490	≤490	≤490	≤490
Average Power Consumption (W/m ²)	≤150	≤150	≤150	≤150	≤150	≤150	≤150	≤150
Power Supply (V)	AC:200-240V	AC:200-240V	AC:200-240V	AC:200-240V	AC:200-240V	AC:200-240V	AC:200-240V	AC:200-240V
Drive Mode	Constant Current 64S	Constant Current 54S	Constant Current 48S	Constant Current 48S	Constant Current 40S	Constant Current 32S	Constant Current 26S	Constant Current 20S
Frame Rate (Hz)	50660	50660	50660	50660	50660	50660	50660	50660
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	19206.3840	19206.3840	19206.3840
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operation Temperature (°C)	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40	-10 ~ 40
Storage Temperature (°C)	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60	-20 ~ 60
Operation Humidity (RH)	10-80% no condensation							
Storage Humidity (RH)	10-85% no condensation							

KEY FEATURES

- > Front / rear installation, and fully front / rear access.
- > High-strength aluminum alloy die-casting structure, light weight, non-deformation, and good heat dissipation efficiency.
- > Positioning pins for higher splicing accuracy.
- > Cascade line transmission, generic cables to ensure stability and reliability at a lower cost.
- > X/Y/Z 6-axis alignment is possible when stitching the cabinets.
- > Corner protection design at the bottom to prevent damage to the LEDs.
- > Power and signal redundancy optional.



MAINTENANCE METHOD

GF series can be maintained/installed in full front and rear.



CABINET HANDLE
Spring-loaded, user-friendly design.



CONCEALED POWER CONNECTOR
No cable on the back of the screen, concise appearance.

MAINTENANCE METHOD

GF series can be maintained/installed in full front and rear.



CABINET HANDLE
Spring-loaded, user-friendly design.



CONCEALED POWER CONNECTOR
No cable on the back of the screen, concise appearance.

SUPER SLIM DESIGN

Classic 4:3 ratio, the cabinet is made of aluminum alloy die-casting process, the thickness is only 74mm.



STATUS INDICATOR
Red represents the power status, green represents the signal status.



EDGE PROTECTION DESIGN
Edge protection is added to the bottom of the cabinet to prevent damage to the LEDs.

INDOOR

PREDATOR THIN SERIES

Indoor Customized Cabinet

- ⚙️ **Rear Maintenance**
- ⚙️ **Better Visibility**
- ⚙️ **Good Value Of Money**
- ⚙️ **Versatility**
- ⚙️ **Highly Durable**
- ⚙️ **Thin And Light Panel**



- **Models : PTI 1, PTI 2, PTI 2.5, PTI 3, PTI 4**
- **Pixels : P1.86, P2, P2.5, P3, P4**
- **Cabinet Size : CUSTOMISABLE**
- **LED Type : SMD**
- **Material : MILD STEEL CABNET**
- **Weight : 12 KG/SQM**
- **Warranty : 2 Years**

OUTDOOR

PREDATOR THIN SERIES

Outdoor Customized Cabinet

- ⚙️ **Rear Maintenance**
- ⚙️ **Good Value Of Money**
- ⚙️ **High Brightness**
- ⚙️ **Flexibility Size**
- ⚙️ **Versatility**
- ⚙️ **Highly Durable**
- ⚙️ **Waterproof**



- Models : PTO2.5,PTO3,PTO4,PTO5.6,PTO6
- Pixels P2.5, P3, P4,P5.6,P6
- Cabinet Size : 960 mm X 960 mm
- LED Type : SMD
- Material : MILD STEEL CABINET
- Weight : 22Kg
- Warranty : 2 Years

LED EXCELLENCE

INDOOR



Planar DirectLight Ultra Series

Premium indoor displays with MicroLED models, powerful processing and active alignment

Available Pixel Pitches:
0.6, 0.7, 0.9, 1.2



Planar DirectLight Pro Series

Bright premium indoor solution with high bandwidth and broad controller compatibility

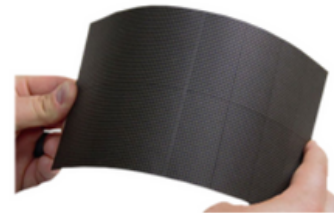
Available Pixel Pitches:
0.9, 1.2, 1.5, 1.8



Planar TWA Series

Slim indoor flat panel solution with rear service, 16:9 aspect ratio, and high resolution and contrast

Available Pixel Pitches:
0.9, 1.2, 1.8



Planar CarbonLight CLI Flex Series

Lightweight bendable indoor displays designed to create smooth concave or convex curves

Available Pixel Pitches:
1.3, 1.5, 1.9, 2.6, 3.9



OUTDOOR



Planar CarbonLight CLO Series

Lightweight, high-brightness outdoor displays for hanging or free-standing applications

Available Pixel Pitches:
3.9



Planar Luminate Ultra Series

Premium fine pixel pitch, high-brightness outdoor solution for up-close daylight viewing

Available Pixel Pitches: 1.2, 1.5, 1.9



Planar Luminate Pro Series - Outdoor

High-brightness outdoor solution designed for weather, sunlight and easy setup

Available Pixel Pitches: 2.9, 3.9, 5.9, 7.8, 10.4



Planar Carbonlight CLM Series

See-through, lightweight mesh displays for indoor or outdoor temporary or fixed applications

Available Pixel Pitches:
6.9, 10.4



WAY FINDING KIOSK & ADVERTISING TOTEMS



ARCADE GAMES AND VR SOLUTIONS



IP CAMERA SECURITY SOLUTIONS



HOME THEATER SOLUTIONS



CONTROLLERS, PROCESSORS, RECEIVING CARDS AND MEDIAPLAYERS WE PROVIDE



VX1

All-in-One Controller

CVBS, VGA, DVI, HDMI, USB

Loading Capacity : 1,300,000 pixels

Features :Auto Scale



VX400

All-in-One Controller

CVBS X2, VGAX2, DVI, HDMI, DP, SDI

Loading Capacity : 2,300,000 pixels

Features :Auto Scale, PIP, Mosaic



VX600

All-in-One Controller

Input: 1X 3G-SDI, 2X HDMI 1.3, 1XDVI
1X OPT1

Loading Capacity : 3,9,00,000 Pixels

Features : 3x 2K x 1K Layers



VX1000

All-in-One Controller

Input: 1x3G-SDI X 1,HDMI 1.4
2 X DVI,1X OPT 1

Loading Capacity : 6,5,00,000 Pixels

Features : 4K x 1K@60Hz,3 x 4K layers



4KPRIME

Media Player

Input: DVI X4,HDMI 2.0, DP1.2

Output : Optical fiber X4,Ethernet X16

Loading Capacity : 10,400,000 Pixels



TB 1

Media Player

Input: 1x HDMI 1.4, WIFI, Ethernet
USB

Output : 1x HDMI 1.4, 1080p@60Hz

Loading Capacity : 6,500,000 Pixels



TB 2

Media Player

Input: 1x HDMI 1.4, WIFI, Ethernet

Output : 1x HDMI 1.4, 1080p@60Hz

Loading Capacity : 6,500,000 Pixels



TB 40

Media Player

Input : HDMI, USB, WIFI, Ethernet,

4G SIM, Cloud,Mobile App

Output : HDMI

Loading Capacity : 13,00,000 pixels



TB 60

Media Player

Input: 1x HDMI 1.4, 2x sensor
1x Stereo

Output : 1x HDMI 1.4, 1080p@60Hz

Loading Capacity : 2,300,000 Pixels



TCB300

Media Player

Input: HDMI,USB 1,Ethernet,WIFI-AP

Output : HDMI

Loading Capacity : 6,500,00 Pixels

NOVA STAR



H2

Video Processor

Input:1xHDMI2.0+1xDP1.2,2xRJ45 IP
2x 4Kx1K@60Hz,

Loading Capacity : 10,400,000 Pixels



H5

Video Processor

Input:4xDVI,1xHDMI2.0+1xDP1.2
1x 4Kx2K@60Hz

Loading Capacity : 13,000,000 Pixels



H9

Video Processor

Input:4xDVI,1xHDMI2.0+1xDP1.2
1x 4Kx2K@60Hz

Loading Capacity : 10,400,000 Pixels



LCB4K

LCD Multimedia Player

- 4096x2160@60HZ
- 1X HDMI 2.0, 1X USB 3.0
- Supports playback of 2x 4K, 6x 1080p
10x 720p, or 20x 360p



DH7508

Receiving Card

- Max Load :256x256 Pixels
-Adopts & Standard HUB 75 interfaces
-16 Groups of RGB parallel data



MRV412

Receiving Card

- Max Load :512x512 Pixels
- Supports upto 18 bit +
- 12 Ports of 75 E



MRV432

Receiving Card

- max Load :512x512 Pixels
- 3D individual Gamma adjustment
for RGB
- Supports image rotation in 90°
increment. HUB 320 Support



A5s PLUS

Receiving Card

- max Load :512x384 @60 Hz
- Low latency
-Support 3D function,Mapping function
-18 bit +
-Pixel level brightness



A8s

Receiving Card

- max Load :512x256
- Low latency
-Support 3D function,Mapping function
-18 bit +,Free rotation,Auto calibrate
-32 RGB parallel data group



CVT320

Fiber converter

-Fiber converter to cover large distance
between processor and LED screens
-Transmission distance up to 15 km
-Plug & Play, no driver required

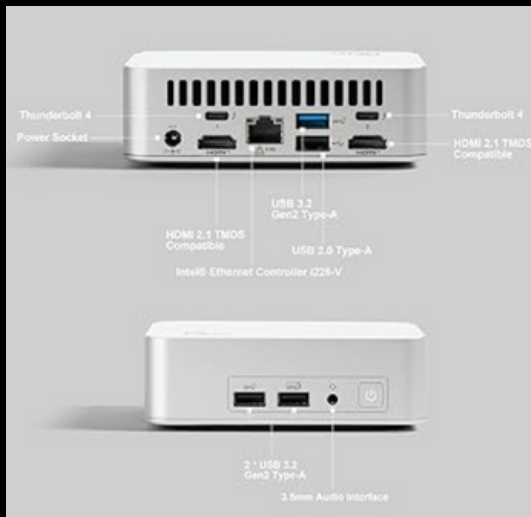


Giada DN72 Ultra-compact ARM-based Media Player for Digital Signage DN72

- Brand: Giada
- ARM based RK3288 Quad Core A17 CPU
- Cost effective
- Android 5.1 OS
- 3 x USB 2.0, 1 x USB 2.0 OTG, 1 x HDMI
- Size: 116.6mm (W) x 107.2mm (D) x 30mm (H)

Intel® NUC Essential

Intel® NUC 11 Essential Mini PCs, Kits, and Boards are cost-efficient solutions for kiosks, embedded solutions, and digital signage.



Processor Included	Operating System	Included Memory	Included Storage	Graphics Output	Price
Intel® Core™ i7-1360P Processor (18M Cache, up to 5.00 GHz)	Windows 11 Home*	2x 8GB DDR4-3200 SODIMMs	512GB Gen 4 NVMe SSD	2x HDMI 2.1 TMDS Compatible, 2x DP 1.4a via Type C	

Intel® NUC 13 Pro Desk Edition Mini PC
NUC13VYKi70QA



D611

TIGER LAKE BOOK-SIZE SIGNAGE PLAYER



Intel® Tiger Lake UP3
Celeron/Core processors



1 x DP (7680 x 4320 @60 Hz)
2 x HDMI (4096 x 2304 @60 Hz)



Support Wi-Fi/BT module
Support 3G/4G/5G module



Intel® IRIS® X* Graphic

CPU

CPU	Intel® Celeron® 6305 processors Intel® Core™ i3-1115G4 processors Intel® Core™ i5-1135G7 processors Intel® Core™ i7-1165G7 processors
Base Frequency	1.80 GHz /3.00 GHz /2.60 GHz /2.80 GHz
Turbo Frequency	NA /4.10 GHz /4.20 GHz /4.70 GHz
Chipset	SoC
Processing Units	2 Cores /2 Cores /4 Cores /4 Cores
Configurable TDP-up	15 W /28 W /28 W /28 W

System

System Memory	Up to 32 GB, 2 x SO-DIMM DDR4-3200 MHz
Storage	1 x M-Key M.2 (2242/2280) for SSD
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Remo on	NA
Power Requirement	DC-IN, 19 V/3.42 A
Dimensions	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
Construction	Metal, Black
Operating System	Windows 10 (64bit) /Windows 11 (64bit) Linux Ubuntu (64bit)
Operating Temperature	0°C -45°C (32°F-113°F) @0.7m/s Air Flow
Humidity	95% @ 40°C (non-condensing)
Certifications	CE, FCC Class B

Network

Network Controller	1 x Realtek RTL 8111H Gigabit Ethernet
Ethernet Interface	1 x RJ45
Wi-Fi/BT	1 x E-Key (2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6 (CNV)
Mobile Network	1 x B-Key M.2 (3042/3052) for 3G/4G/5G, 1 x SIM Slot

Display

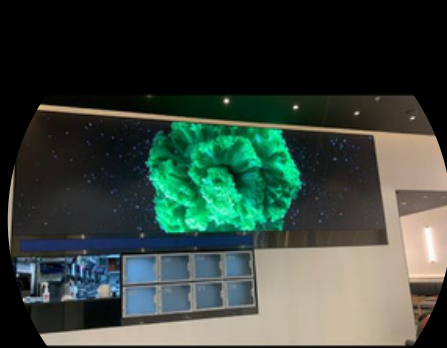
GPU	Intel® UHD Graphics (Celeron 6305/Core i3) Intel® IRIS® X* Graphics (Core i5/Core i7)
Graphic Engine	DirectX 12.0, OpenGL 4.5, OpenCL 2.2, 8K 60fps 12b 4:2:0 HEVC/MP9/SCC
Display Interface	1 x DP (Max.7680 x 4320 @60 Hz) 2 x HDMI (Max.4096 x 2304 @60 Hz)

I/O interface

USB	1 x USB Type-C3.2 Gen2, 1 x USB3.2 Gen2, 2 x USB2.0
Serial Port	1 x RS232
Audio	1 x MIC-IN, 1 x AUDIO-OUT
Button	1 x Power on, 1 x CLR-CMOS
Antenna	1 x Connector for Wi-Fi/BT 4 x Connector for 5G (Reserved)

OUR WORKS






www.techledindustries.in



Contact Us

TC-36/2710-2KALPAKA
GARDENS
NETAJI ROAD, THOPPUMUKKU
VATTIYOORKAVU TRIVANDRUM-
695013

 Sales@techledindustries.in

 +91 8129083550 , +91 8848173912



ILLUMINATE THE WORLD OF DIGITAL