

27 Inch

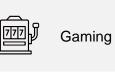
LED-Framed Touchmonitor

The LED-Framed touchmonitor dazzles with ambient lighting effects on the front and/or back of its sides. The color, style, and rhythm of the lights can be used as adornments, alerts, attractions, flags, indicators or fanfare that will surely boost the interactive functions of a touch display for both the users and operators.

To match different design styles, General Touch offers various LED light strip designs, including Front design with LED lights visible from the front, Edge design and Halo design with LED lights visible from the front and sides. The rear of the LED-Framed monitor has multiple design options too, such as rear-fire LED strips on four sides, U-shaped strips on three sides, or two parallel strips on the short or long edges. These combinations offer a wide variety of style and luster.

The GT LED-Framed touchmonitor stands out with their exceptional lighting effects, featuring no hot spots, dark spots, and dark corners, and ensuring a high level of uniformity with finely crafted, well-sealed, and free from LED light leakage. To facilitate customer control over the LEDs, GT provides protocols and controllers for customers to choose from. The LED controllers can be embedded or external, and it also supports customer-supplied controllers. The lighting effects offer dozens of standard modes and can be customized to meet specific customer requirements.

LED-Framed touchmonitors have been widely used in various scenes and domains, including gaming, kiosks, entertainment, EV chargers, meetings, and way-finding. The landscape, portrait, and VESA mounting options allow for quick and convenient integration with different environments, fulfilling customers' demands for high-quality dual interaction experiences.









Vending Machine

- Features & Benefits
- LED-Framed, Edge design
- No hot spot, no dark spot, no dark corner, high level uniformity
- Well sealed, non LED light leakage
- True flat, closed frame, compatible with various application
- Rear fire LEDs, glow style

- PCAP powered by General Touch, quality assurance
- Metal frame, precisely and finely crafted



SPECIFICATIONS

Product Name	27 Inch LED-Framed Touchmonitor		
Model	OTL277		
LCD Panel Parameters			
Display Technology	Active Matrix TFT-LCD with LED Backlight		
Aspect Ratio	16:9		
Active Area (W x H)	597.89mm × 336.31mm		
Native Resolution	1920 × 1080 @ 60Hz		
Response Time (Typ.)	14ms		
Display Colors	16.7M		
Luminance (Typ.)	300nits		
Contrast Ratio (Typ.)	1000:1		
Viewing Angle (Typ.)	Horizontal: CR≥10 89°/89° Vertical: CR≥10 89°/89°		
Touch Screen Parameters			
Touch Technology	PCAP		
Cover Glass Treatment	Strengthened		
Cover Glass Surface Treatment	Optional: Anti-glare		
Impact Resistance Level	IK07		
Thickness (Total)	4.3mm		
Light Transmission	≥ 83%		
Response Time (Typ.)	8ms		
Touch Screen Interface	USB		
Touch Point	10		
Overall Parameters			
Case/Bezel Color	Black		
Mounting Options	VESA: 100mm × 100mm, 75mm × 75mm		
Outline Dimensions (W×H×D)	$660.0mm \times 404.0mm \times 54.4mm$		
Power Supply	Input Voltage Range: Monitor: +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter RGB LED Lights: +12VDC ± 5%, mating Molex 43025-0600 Optional LED controller (External): +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter		
On Screen Display (OSD)	Control (Back): Power, Auto, Up, Down, Menu		
Power Consumption (Max.)	30W (Monitor without RGB LED Lights) 25W (RGB LED Lights)		
Operating Altitude	≤ 3000m		
Temperature Range	Operating: 0°C to 40°C, storage: -20°C to 60°C		
Humidity (Non Condensing)	Operating: 20% to 80%, storage: 10% to 90%		
I/O	VGA, DVI, DP, USB (Type B)		
Accessories	Optional		



Carton Box Dimensions	785mm (L) \times 275mm (W) \times 533mm (H), 2 units in one carton		
Weight	Net: 9kg, Gross: 25kg		
MTBF	50,000 hours demonstrated		
LED Lights Color	Multicolor		
LED Lights Location	4 LED lights bar (Front, Edge & Back)		
LED Controller (External)	Optional		
Agency Approvals	CE, FCC, UKCA		
Warranty	3 years		

Ordering Information		
Model	Part Number	Description
OTL277-RC5000-UP3F50-3.0	10202010765R	27", FHD, 16:9, 300nits, PCAP, USB, VGA/DVI/DP, LED lights Location front, edge & back

Optional Accessories		
Model	Part Number	Description
USB Cable	30302050006R	USB Cable A Male-B Male 1500mm
VGA Cable	30302040001R	VGA Cable 1500mm
DVI Cable	30302020002R	DVI Cable Male-Male 18+1 1500mm
DP Cable	30302010001R	DP Cable Male-Male 1500mm
LED Controller Kit	20701040010R	12 V / 50 W Addressable LED Controller Kit

Note: Includes a 1000mm LED strip cable.

If you want to design the LED strip cable according to your application, please adopt the unshielded and non-twisted wires. The length should be no more than 2m, and the wire diameter should be more than 20AWG. Please feel free to contact us if you need assistance.

Adapter	30207010005R	Power Adapter 12V / 50W / 2.5mm / 1500mm
Power Cable	30301010018R 30301010011R 30301010010R	EU 1500mm

Go to www.generaltouch.com for more products and information, or contact us.

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