

Robust Touch

Optimized to deliver high luminance and robust performance, the Touch Screen Panel-Celeron (TSP-Celeron) is a compact, touch panel computer with an embedded *Microsoft Windows* operating system, ideal for Web browser, kiosk, and all other Human Machine Interface (HMI) touch applications.



Better by design

TECH SPECS

Display

- 7 sizes available, standard and widescreen (see table)
- LED backlight
- 5-wire Resistive touch sensing
- Intel HD Graphics
- 135°/130° viewing angle (H/V)
- >50,000 hours MTBF of LED backlight

Performance and Storage

- Intel Celeron J1900 CPU
- 4 GB RAM
- Realtek HD Audio
- Windows 8.1 or 10, 64-bit

Temperature Specifications

- Range: 0 °C to 60 °C (32 °F to 140 °F)
- Storage and Shipping Range: -20 °C to 80 °C (-4 °F to 176 °F)

Peripherals

- 4 USB ports
- RS232 port
- HDMI port
- VGA output
- Audio line in/out and Mic in
- 2 integrated speakers
- Integrated WiFi

Details

- Brushed metal alloy enclosure

Mounting

- 100 mm rear VESA mount hole pattern, 200 mm for 27" model (requires VESA brackets, sold separately)
- Through-wall/panel mounting hardware also available, for walls 1/8" to 3/4" thick

FEATURES

- Sleek, slim, space-saving kiosk design
- Long-life LED backlight
- 5-wire resistive touch screen
- Rugged black metal alloy enclosure with black anodized aluminum bezel
- Integrated WiFi
- Integrated speakers
- 100 mm rear VESA mounting

ORDERING

TSP-12.1-J1900

- Touch Screen Panel, 12.1" size, standard

TSP-15-J1900

- Touch Screen Panel, 15" size, standard

TSP-17-J1900

- Touch Screen Panel, 17" size, standard

TSP-18.5-J1900

- Touch Screen Panel, 18.5" size, widescreen

TSP-19-J1900

- Touch Screen Panel, 19" size, standard

TSP-21.5-J1900

- Touch Screen Panel, 21.5" size, widescreen

TSP-27-J1900

- Touch Screen Panel, 27" size, widescreen

ACCESSORIES

TSP-THRUWALLMNT-12

- Through wall mounting hardware for 12" model

TSP-THRUWALLMNT-15-17

- Through wall mounting hardware for 15" and 17" models

TSP-THRUWALLMNT-18.5-21.5

- Through wall mounting hardware for 18.5", 19" and 21.5" models

TSP-WALL MOUNT

- 100 mm VESA Wall Mount Kit for Touch Screen Panels. Fits all sizes

APPLICATION DIAGRAMS

RC-Studio®

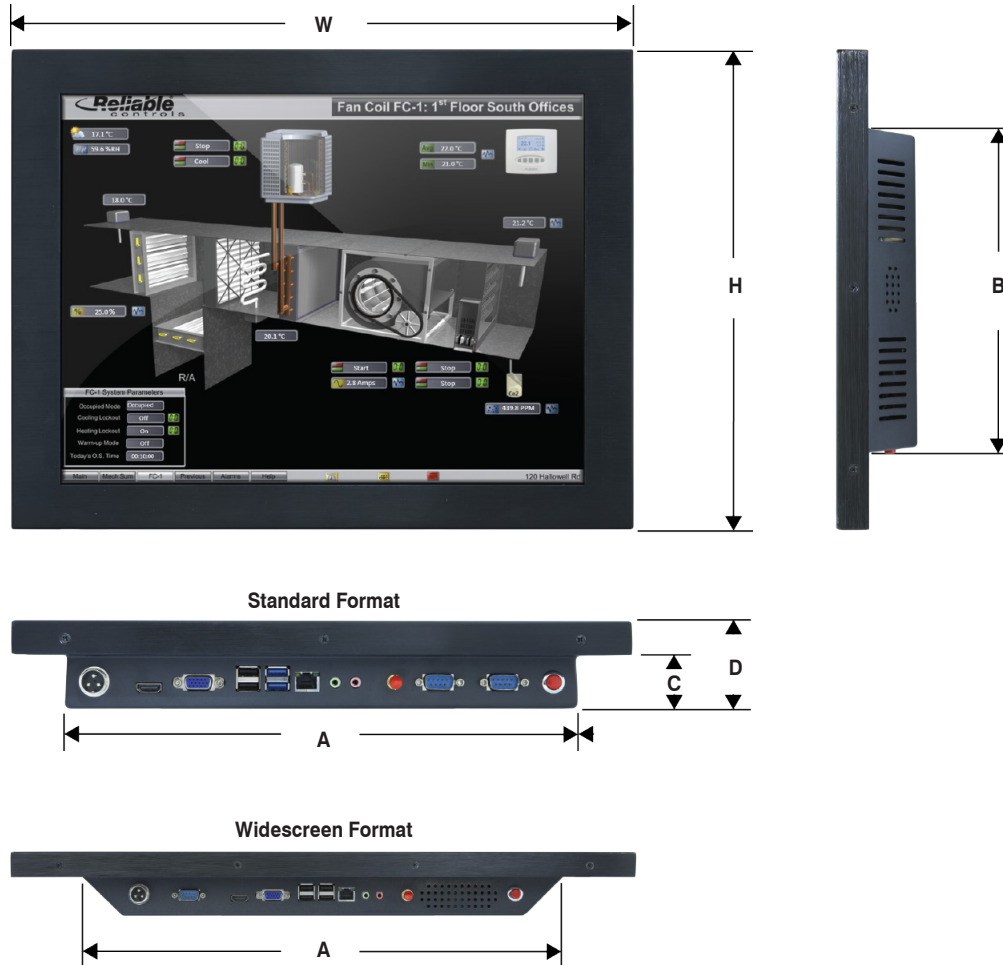


Surface Mount



Panel Mount
(requires through wall mounting hardware,
sold separately)

DIMENSIONS



Size	12.1"	15"	17"	18.5"	19"	21.5"	27"
Display							
Aspect Ratio	4:3	4:3	4:3	16:9	5:4	16:9	16:9
Format	Standard	Standard	Standard	Widescreen	Standard	Widescreen	Widescreen
Native Resolution	800 x 600	1024 x 768	1280 x 1024	1366 x 768	1280 x 1024	1920 x 1080	1920 x 1080
Contrast Ratio	400:1	550:1	550:1	550:1	550:1	1000:1	1000:1
LCD Brightness	400 cd/m ²	350 cd/m ²	400 cd/m ²	400 cd/m ²	400 cd/m ²	450 cd/m ²	450 cd/m ²
Storage							
Hard Drive	64 GB SSD	500 GB HDD	500 GB HDD	500 GB HDD	500 GB HDD	500 GB HDD	500 GB HDD
Details							
Dimensions (W x H x D)	30 cm x 23 cm x 5 cm (11 3/4" x 9" x 2")	36 cm x 28 cm x 5.6 cm (14 1/8" x 11 1/8" x 2 1/4")	39 cm x 32 cm x 5.5 cm (15 1/4" x 12 5/8" x 2 1/8")	46.5 cm x 28.5 cm x 5.5 cm (18 5/16" x 11 1/4" x 2 1/8")	43 cm x 35 cm x 5.5 cm (17" x 13 3/4" x 2 1/8")	53 cm x 32 cm x 5.5 cm (21 3/4" x 14 1/4" x 2 1/8")	68.4 cm x 42.3 cm x 9.5 cm (26 5/8" x 15 1/2" x 3")
Bump-out (A x B x C)	26 cm x 19 cm x 3.3 cm (10 1/4" x 7 1/2" x 1 5/16")	31 cm x 23 cm x 3.3 cm (12 3/16" x 9 1/16" x 1 5/16")	31 cm x 23 cm x 3.3 cm (12 3/16" x 9 1/16" x 1 5/16")	36.6 cm x 22 cm x 3.3 cm (14 7/16" x 8 11/16" x 1 5/16")	32 cm x 25 cm x 3.3 cm (12 5/8" x 9 13/16" x 1 5/16")	38.6 cm x 23 cm x 3.3 cm (15 3/16" x 9 1/16" x 1 5/16")	66 cm x 39.9 cm x 5.4 cm (26" x 15 11/16" x 2 1/8")
Weight	2.25 kg 5 lb.	3.18 kg 7 lb.	3.63 kg 8 lb.	3.63 kg 8 lb.	4.08 kg 9 lb.	6.35 kg 14 lb.	8.16 kg 18 lb.

Dealer Information: