

WPPC-190SA-C Series

19 inch Capacitive Touch Panel PC
with Intel 12~14th Gen LGA1700 Desktop processor

Features

- 19-inch Capacitive Touch Panel PC with Intel 12th~14th Gen LGA1700 Desktop i3/i5/i7 Processors
- Front Panel IP65
- 1x 2.5 GbE LAN port , 2x GbE LAN port
- 1x M.2 NVMe , 1x M.2 B-KEY, 1x Mini-PCIe
- Front panel IP66 Waterproof
- Compatible CE, FCC certificates.



WPPC-190SA-C-B SKU



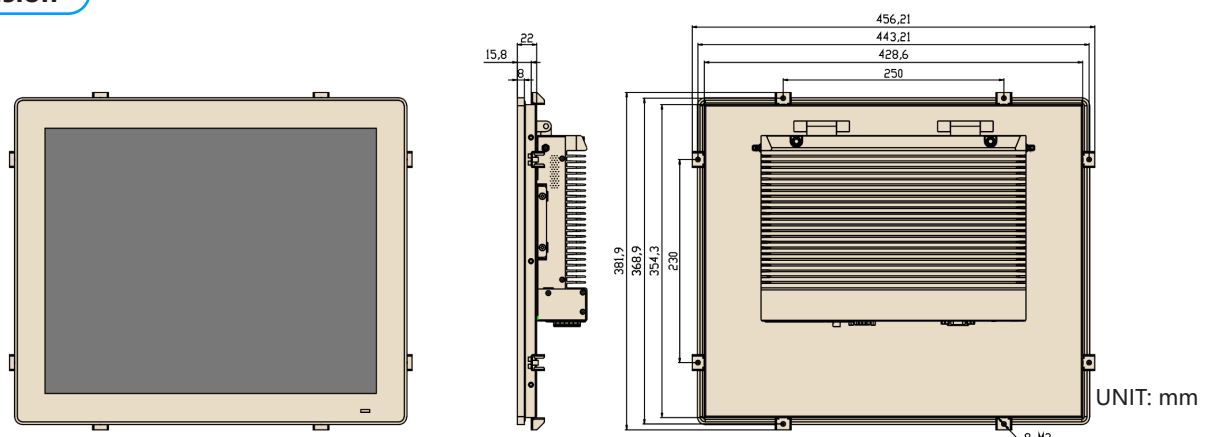
WPPC-190SA-C SKU

Specifications

Display Size	19 inch
Resolution	1028x1024 (4: 3)
Color	16.7M
Brightness	250cd/m2
Backlight	LED
Life	50000hrs
Touch Method	PCAP Projected 10 points capacitive touch
Processors	Alder Lake / Raptor Lake Intel® 12th 13th 14th Gen Intel® Core™ i9/i7/i5/i3/Pentium® /Celeron® LGA1700 Processors
Chipset	Intel® Q670 PCH
Display	1 x VGA, 1 x DVI-D, 1 x HDMI
Memory	2 x DDR4 2666/2933/3200MHz SO-DIMM Up to 64GB
Storage	1x m.2 2280 SATA/NVMe and 1x mSATA 1x 2.5-inch Drive Bay (Optional)
Ethernet Controller	1x Intel i226 2.5GbE Ethernet Controller 1x Intel® i210AT GbE ; 1x Intel® i219LM GbE Ethernet Controller
USB	3 x USB 3.2 GEN2, 3 x USB 3.0, 1x Internal USB2.0 TYPE-A for Dongle
Serial	2x RS-232/422/485
GPIO	Optional:16bit GPIO Optional: Optocoupler isolated rugged GPIO
Expansion Card Slot	1 x Mini-PCIe for WIFI Module, 1 x m.2 3042/3052 B-Key for 4G/5G Module
Audio	Realtek ALC897 HD ; Line-out MIC-in
Watchdog Timer	256-level Watchdog Timer
Operating System	Win10/Win11/Linux
DC Input	DC 9-36V
Waterproof Level	Front panel IP65
Heat Dissipation Method	Passive cooling / with System FAN
Installation method	Embedded / VESA 100x100
Vibration During Operation	With SSD: 1Grms@5~500Hz, random, 1hr/axis
Shock During Operation	With SSD: 50G, half sine, 11ms
Working Temp.	-10°C ~ 60°C
Working Humidity	5%RH ~95%RH
EMC	CE, FCC Class B, ROHS compliance

Dimension

Cutout Size(mm) : 429.6×355.3mm



Ordering Information

Model name	Description
WPPC-190SA-C	Fanless 19-inch Capacitive Touch Panel PC With 12~14th Gen LGA1700, 2*GbE LAN Port, 1*2.5GbE, 2*RS-232/422/485, 1*HDMI+VGA+DVI Support 35W TDP Processor
WPPC-190SA-C-B	19-inch Capacitive Touch Panel PC With 12~14th Gen LGA1700, 2*GbE LAN Port, 1*2.5GbE, 2*RS-232/422/485, 1*HDMI+VGA+DVI with System FAN Support 60~125W TDP Processor