

PPC21 p2

Intel® 7th / 6th Gen. Core™ Fanless and High Performance 21.5" Stainless Steel Panel PC



Features



- Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 and Pentium® / Celeron® desktop processor (LGA1151)
- 2 x DDR4 2133MHz SO-DIMM memory up to 32GB
- 2 x 2.5" SATA III SSD with RAID 0/1 (Q170)
- 2 x Mini PCIe slots, 1 x PCIe (x4) slot (Q170)
- 2 x GbE LAN, PoE as option
- Wide-ranged voltage DC In 9~36V
- Front panel IP65 design
- Stainless steel front bezel & True Flat
- Support high brightness LCD / sunlight readable (optional)
- TPM module (optional)

Specifications



System

CPU Support	Core™ i7-7700T, Quad Core, 2.9GHz, 8M cache Core™ i5-7500T, Quad Core, 2.7GHz, 6M cache Core™ i3-7101TE, Dual Core, 3.4GHz, 3M cache Core™ i7-6700TE, Quad Core, 2.4GHz, 8M cache Core™ i5-6500TE, Quad Core, 2.3GHz, 6M cache Core™ i3-6100TE, Dual Core, 2.7GHz, 4M cache Pentium® G4400TE, Dual Core, 2.4GHz, 3M cache Celeron® G3930TE, Dual Core, 2.7GHz, 2M cache Celeron® G3900TE, Dual Core, 2.3GHz, 2M cache
Chipset	Intel® Q170/H110
Memory Support	2 x DDR4 2133MHz SO-DIMM sockets (up to 32GB)
Watchdog	1~255 seconds watchdog timer selectable
Storage	2 x 2.5" SATA III SSD (support RAID 0/1 in Q170 SKU only)
Front Bezel	Stainless steel (SUS 304)
IP65	Yes (for front panel only)
Power Input	DC In 9~36V
Operating System	Windows 10 IoT Enterprise LTSC 2019 64bit / LTSC 2016 64bit / Ubuntu16.04 LTS
Dimensions	585 x 377 x 131.7 mm (W x H x D)
System Weight	12.8 kg
Mounting Support	Wall mount / VESA 100 / Panel mount
Certifications	FCC / CE

Display

LCD	21.5" TFT LCD (LED) resolution FHD (16:9) 1920 x 1080
Touchscreen	Projected capacitive touchscreen (USB interface)

Applications

- Automation
- Retail
- Food Service
- Banking
- Information

I/O Ports

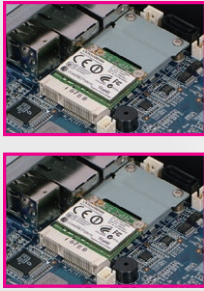
Display	1 x DVI-I (DVI-D+VGA)
USB	4 x USB 3.0
Audio	1 x Line In / 1 x Line Out / 1 x Mic In
LAN	2 x GbE LAN, Wake-On-LAN, PXE LAN 1: Intel® PHY 219LM (10/100/1000 Mbps) LAN 2: Intel® LAN 210AT (10/100/1000 Mbps) 2 x PoE (IEEE 802.3af), max.15.4W for each port
Serial Ports	COM 3/4 for RS232 COM 1/2 for RS232/422/485 (selectable under BIOS) [COM 1/2 for +5V/+12V/RI selectable by jumper]
Digital I/O Port	8 in / 8 out, DSUB-25 type or 16 pin terminal block (optional)
Expansion Slots	1 x full-sized Mini PCIe (Mini PCIe, USB and SIM signal) 1 x half-sized Mini PCIe (Mini PCIe and USB signal) 1 x SIM card slot 1 x CFast slot
Antenna Hole	3 x antenna holes
Power On/Off	1 x power button 1 x remote switch
LED	2 x PoE active LED (optional)
I²C Bus	1 x I²C Bus port (optional)

Environment

Operating Temp.	SSD: (w/o PoE) 0°C~45°C (32°F~113°F) (Ambient with airflow) (with PoE) 0°C~40°C (32°F~104°F)
Storage Temp.	-20°C~80°C (-4°F~176°F)
Humidity	20%~90%

Highlights

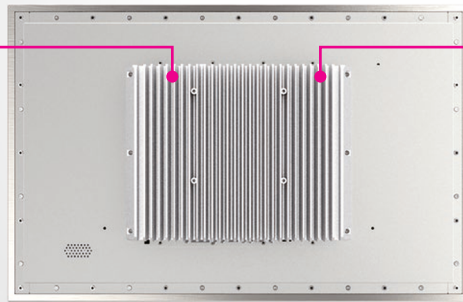
2 x mini PCIe



CFast Card Slot



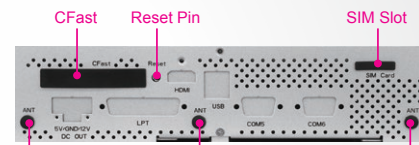
131.7 mm



I/O Panel View

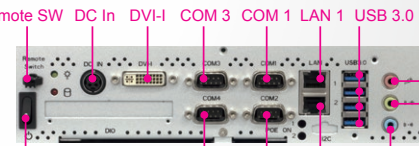


Bird View



Antenna Hole Antenna Hole Antenna Hole

Bottom View



Power Button COM 4 COM 2 LAN 2 Line In

Dimensions

