

P1988E-MT

Fanless Panel PC 8th/9th. Gen. Core i T-Version CPU, 10 points Multi Touch



ALPTECH
Computer for Industry



Features

- 19" Panel PC with Fanless
- Socket Gen. 8/9 Intel® Core i T-Version CPU
- 19" 1280 x 1024 SXGA Color TFT LCD Display
- Rack Chassis Mounting / VESA Mounting
- 10 points PCT Multi Touch, capacitive
- Support DirectX 12/13, ATM 12.x
- TPM 2.0 Header

System

CPU	Intel® Core iGen. 8th/9th T-Version (35 W) CPU
Memory	2 x 260-pin DDR4 SO-DIMM Socket up to 64GB at 2666 MHz
Chipset	Intel Coffee lake + UHD630
LAN	1 x Intel G-LAN, i219LM + i211AT PCIe
Watchdog Timer	1~255 levels reset

Storage

HDD/Type	2 x 2.5" drive bay for SATA HDD/SSD, Raid optional
Flash Disk	1 x CFAST Flash Socket (optional)

LCD Display

Size/Type	19" TFT LCD
Resolution	1280 x 1024, SXGA
Pixel Pitch	0.264 x 0.264 mm
Max. Colors	16M (24-bit)
Luminance	350 cd/m ²

Touch Screen

Type	10 points Multi Touch, projective capacitive Touch
Resolution	Continuous
Light Transparency	92%
Interface	USB Interface

Power

Requirement	DC 12V Power-In / 9-36V optional
Consumption	max. 79 Watt with Core i-3 3.1 GHz, 4GB RAM

Rating	NEMA 4 / IP65 Compliant Bezel
Certificate	Meet CE / FCC Class A

I/O

Serial Port	1 x RS-232 ports (2 - 4 COMs optional)
USB Port	Bottom: 4 x USB 3.1 ports 4x USB 2.0
KB/MS	PS/2 Keyboard and Mouse
LAN	2 x RJ-45, Intel LAN
VGA	DVI + 2x DP connector
Audio	Mic-in/Line-in/Line-out

Expansion Bus

Mechanical

Mounting Type	Chassis-mounting / VESA Mounting
Tempered Glass	3 mm (if no Touch Screen on Front)
Construction	w/ aluminum Front bezel + Steel case
Dimension (W x D x H)	469 x 96 x 393 mm

Environmental

Operating Temp.	-10 ~ 60°C
Storage Temp.	-20 ~ 80°C (-4 ~ 176°F)
Operating Humidity	10 ~ 95% RH @40°C (non-condensing)
Vibration	5~500Hz, 1Grms

CPU:

Intel® Core i3-8100T, 3.1GHz, 4 Core, 6MB Cache
 Intel® Core i5-8400T, 1.7~3.2GHz, 6 Core, 9MB Cache
 or Core i7 / Core i9 T-Version CPU

TRUE INDUSTRIAL

7-15 years Support | 3 years+ Warranty | Customization Option

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