

Fanless High Performance 10 Points Multi Touch



Computer für Industrie

Features



- 21,5" Panel PC with no Fan
- Socket-G3 Intel® Core i3 / i5 / i7 CPU
- 21,5" 1920 x 1080 Full HD Color TFT LCD Display
- Chassis Mounting / VESA Mounting
- Proective Capacitive Touch, 10 Points
- Multiple Expansion (4 x USB/ DVI /DP/ 1 x CF)



System

CPU	Intel® Core i3/ i5 / i7 3rd Gen. CPU
Memory	2 x 204-pin DDR3 SO-DIMM Socket up to 16GB at 1600/1333/1066MHz
Chipset	Intel HM76/QM77 Express
LAN	2 x Intel G-LAN, 1x 82579, 1x i210AT
Watchdog Timer	1~255 levels reset

Storage

HDD/Type	2 x 2.5" drive bay Drawer for SATA HDD/SSD
Flash Disk	1 x CFast Socket internal (optional)

LCD Display

Size/Type	21,5" TFT LCD
Resolution	1920 x 1080, Full HD
Pixel Pitch	0.264 x 0.264 mm
Max. Colors	16M (24-bit)
Luminance	250 cd/m ²

Touch Screen

Type	projective capacitive Touch 10 points
Resolution	1920 x 1080
Light Transparency	88%
Interface	USB Interface

Power

Requirement	120 Watt DC Power11-36 V
Consumption	DC 11 ~ 36V / AC 110-230V
	max. 58 Watt with Core i5-3210M, 4GB RAM

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

I/O

Serial Port	2 x RS-232 ports (4x COMs optional)
USB Port	Bottom: 4 x USB 2.0, 2x USB 3.0 ports
KB/MS	USB Keyboard and Mouse
LAN	2 x RJ-45 Intel G-LAN
VGA	DVI / DP connector
Audio	Mic-in/Line-in/Line-out, ALC 887
Expansion Bus	2x mini PCIe, 1x Full, 1x Half Size

Mechanical

Mounting Type	Rack-mounting / VESA Mounting
Tempered Glass	3 mm (if no Touch Screen on Front)
Construction	Chassis Steel (Front aluminum bezel, for panel-mounting)

Dimension (W x D x H)	536 x 93 x 332 mm
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Environmental

Operating Temp.	0 ~ 60°C (32 ~ 122°F)
Storage Temp.	-20 ~ 80°C (-4 ~ 176°F)
Operating Humidity	10 ~ 95% RH @40°C (non-condensing)
Vibration	5~500Hz, 1Grms



MSI Industrial Mainboards inside



P2177A-MT

Fanless Panel PC for Core-i5 / i7 CPU

21,5" 16:9 Core- i5 / i7 , All in one Panel PC with 1Mini PCIe slot

Dimensions: 536 x 332 x 93 mm

