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Industrial PC's

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- ✓ Lifetime technical support
- ✓ Fully customisable products
- ✓ Product branding (bezel colours + logos)
- ✓ Free pre-installation of OS and software

Our Services

- ✓ Electronic Design
- ✓ Production Management
- ✓ Assembly and test
- ✓ Bespoke BIOS creation

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APC-3714A

Intel Cedarview Slim type Panel PC

Features

- 15”/17”/19” TFT LED backlight LCD
- Intel Cedarview D2550 Processor on board
- 2 x SO-DIMM DDR3 800/1066Mhz up to 4G
- Storage provide 1 x 2.5” HDD space and 1 x External CF slot
- Resistive Touch Screen or GFG touch
- IP 65 Compliant Front Bezel
- DC 9-32V wide-range power input

Specifications

System

Processor	Intel Atom Processor D2550 (1M Cache, 1.8 GHz)
System Chipset	Intel NM 10 Express Chipset
System Memory	2 x 204-pin DDR3 SO-DIMM 800/1066MHz, up to 4GB

IO Port

USB	4 x USB 2.0 type A
Serial/Parallel	1 x RS-232/422/485 selectable default RS-232 DB9, 1 x RS-232 DB9 1 x RS-422/485 selectable default RS-485 DB9, 1 x RS-232 DB9 for option
Audio	1 x MIC-in, Line-out phone jack
Graph	1 x VGA
LAN	2 x GbE RJ-45
Digital I/O	1 x 8 pin 6 GPIO/VCC/GND terminal block connector for option
Power	1 x 3pin DC power connector 1 x Rocker switch for power on/off 1 x 2pin remote power switch 2 x LED light for power and HDD indication

Storage Space

HDD	1 x 2.5” SATA HDD Space (easy accessible design)
Movable device	1 x External CF slot

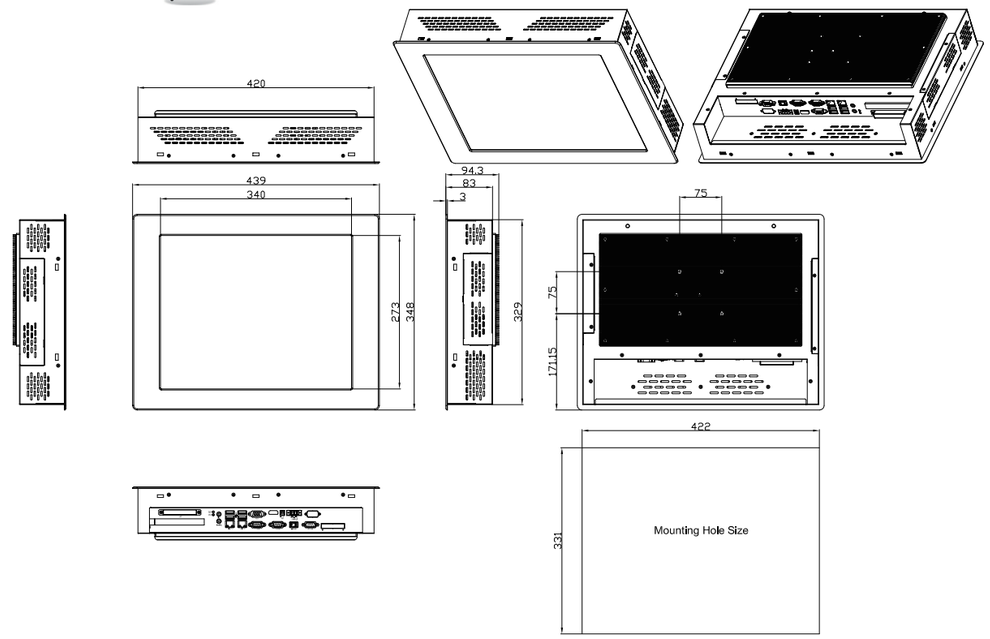
Expansion

Expansion slot	1 x PCI slot 1 x Mini PCIe slot optional

Display

Display Type	17" TFT-LCD
Max. Resolution	1280 x 1024
Max. Color	16.7M
Luminance (cd/m^2)	350
View Angle	170/170
Backlight Lifetime	50,000 hrs

Dimensions



Touch Screen

Type	Resistive option
Interface	Default USB Optional RS-232
Light transmission (%)	80%

Power

Power input	9~32V DC
Power Consumption	Max:36W

Mechanical

Construction	Black steel front bezel, black steel back cover with aluminum heat-sink
IP Rating	Front bezel IP65
Mounting	Panel mounting, VESA 75 x 75
Dimension(mm)	439 x 348 x 94.3
Net Weight(Kgs)	9.4

Environmental

Operating temperature(°C)	0~50(with HDD) -20~60 (with Industrial SSD or CF)
Storage temperature(°C)	-20~60
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE/FCC class A

Operating System Support

Windows XP Pro, XP Embedded, Windows Standard Embedded 7 (32bit)

Ordering Information

APC-3714AT-01	17” SXGA Intel Atom D2550 fanless slim type panel PC, 2GB DDR3 memory, 320GB 2.5” SATA2 HDD, resistive touch, 9~32VDC input with adaptor, black steel enclosure

V1.1-0

All specifications and photos are subject to change without notice.
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Industrial Panel PC