

P-W1853P



Fanless 18,5" XGA 16:9 Industrial Panel PC with Intel Braswell Celeron Quad Core N3160 Processor



Features

- 18,5" 16:9 1366 x 768 XGA LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen, 10 points Multi
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Easy Maintenance Design for CFast/HDD/SSD
- Serial Ports (RS-232/485), RS-485 w/ Auto-flow Control
- Mini PCIe expansion slot support
- Fanless cooling system
- 1 x TPM Module (optional)
- SMA Antenna Holes for Optional WiFi Function
- 9 ~ 36 V Wide-Range DC Input

System

CPU	Intel® N3160, Quad Core 1,6- 2,24 GHz, 2MB Cache 2GB DDR3L SO-DIMM RAM module installed
Memory	1 x DDR3L SO-DIMM Socket, supporting 1600/1333 MHz SDRAM up to 8 GB
LAN	2 x Realtek RTL8111G GbE controllers
Watchdog Timer	1~255 levels reset

Storage

1st Device	1 x 2.5" drive bay, mSATA
2nd Device	1 x CFast slot internal (Optional)

Audio

Realtek ALC887 Audio Codec

LCD Display

Size/Type	18,5" 16:9 TFT LCD Panel
Max. Resolution	1366 x 768 XGA
Max. Colors	16.2M
Luminance	300 cd/m ²

Touch Screen Projected capacitive touch panel, 10 points Multi

View Angle (U/D/R/L) 80°/80°/85°/85°

Power System

Power Input DC 9 ~ 36 V

Certification

EMC / EMI Meet CE, FCC Class A

Expansion

Expansion Bus 2 x Mini-card socket (Full /Half Size)

External I/O

Serial Ports 1 x RS232/422/485, 0V/5V/12V(optional)

USB Ports 4 x Type-A USB 3.0 ports
1 x Type-A USB 2.0 port

LAN 2 x RJ-45 GbE ports

DVI 1 x DP/HDMI connector

WiFi SMA antenna holes for optional WiFi function

Mechanical

Mounting Type Panel Mounting and VESA-100 Mounting

Chassis Panel-mounting chassis, aluminum front bezel and SECC steel chassis

Dimension (W x D x H) 470 x 65 x 295 mm

Weight (Net) 8 kg

Environmental

Operating Temp. -10°C ~ 60°C

Storage Temp. -30°C ~ 70°C (-22°F ~ 158°F)

Operating Humidity 10 ~ 95% RH @ 60°C (non-condensing)

Vibration 5 ~ 500Hz, 2Grms Random (with CFast/SSD)

Shock Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD)

OS Support

W7 Pro / WS7E / W8 /W10 / Linux: Ubuntu



MSI Industrial Mainboards inside

Alptech Elektronik GmbH



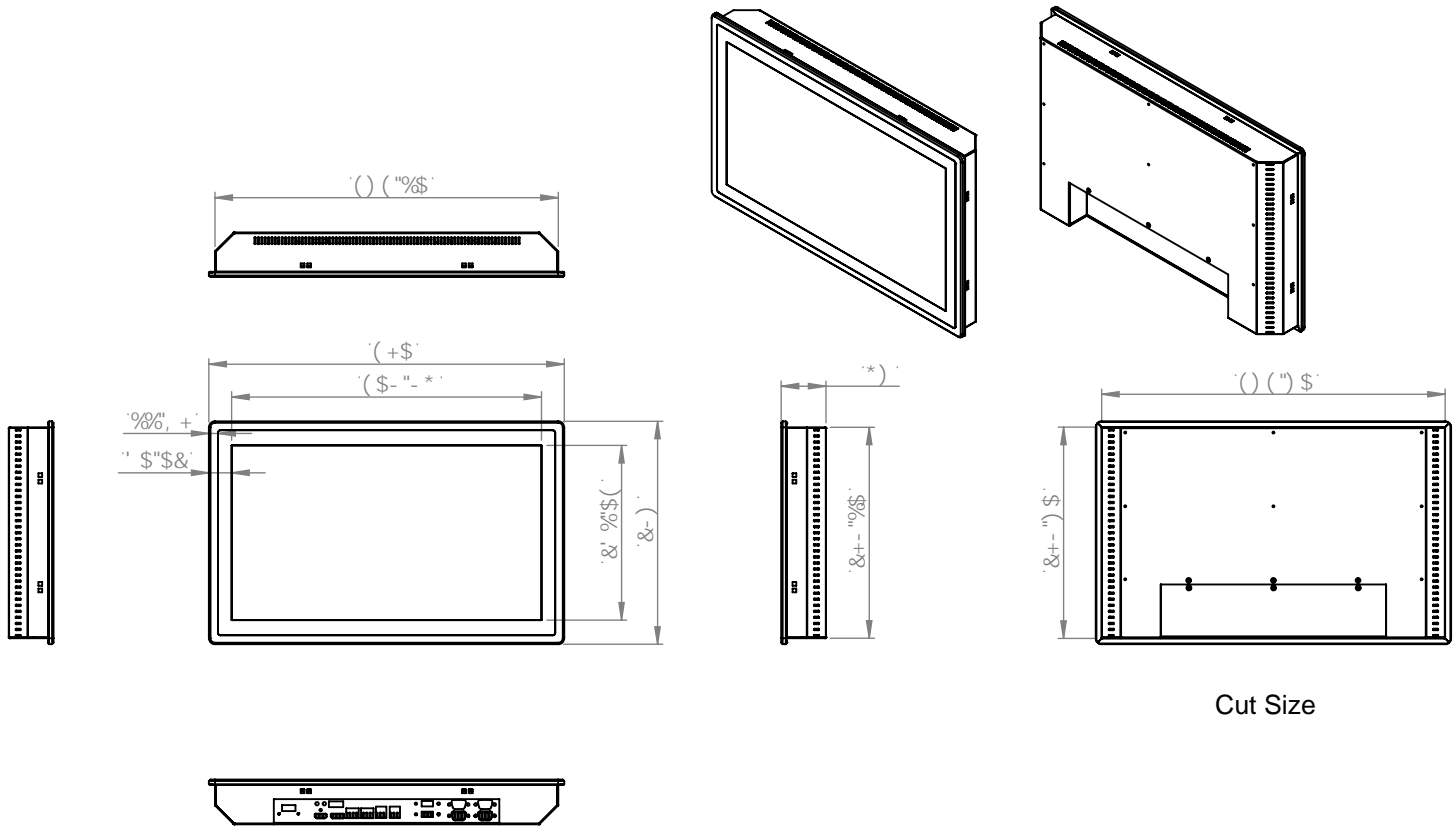
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Dimensions



Optional Accessories

PAC-P065/120W	19V/3.4A 65W /120WAC/DC power adapter kit	
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Optional Configuration (CTOS* Kit)

WIFI-AT2350	Atheros AR9462 WiFi module w/ 20cm & 30cm internal wiring	
ANT-D11	1 x WiFi Dual-band 2.4G/5G antenna	

*CTOS means Configure-to-Order Service.