

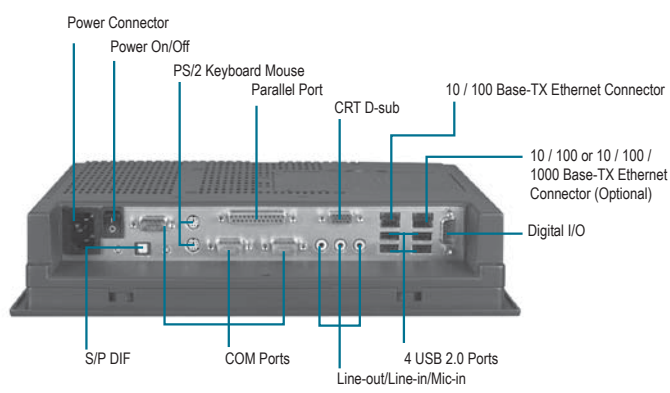
AOP-8120HT/WT

Computing Platform Service Partner

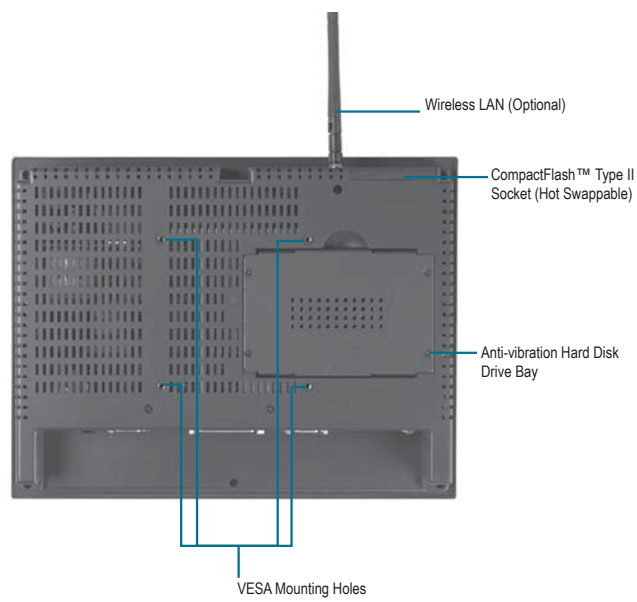
Ultra Low Voltage Intel® Celeron® Processor-based Fanless Operator Panel PC with 12.1" TFT LCD



IP-65 Certified Front Panel with TouchScreen



Power Connector
Power On/Off
PS/2 Keyboard Mouse
Parallel Port
CRT D-sub
10 / 100 Base-TX Ethernet Connector
10 / 100 or 10 / 100 / 1000 Base-TX Ethernet Connector (Optional)
Digital I/O
S/P DIF
COM Ports
Line-out/Line-in/Mic-in
4 USB 2.0 Ports



Wireless LAN (Optional)
CompactFlash™ Type II Socket (Hot Swappable)
Anti-vibration Hard Disk Drive Bay
VESA Mounting Holes

Features

- 12.1" TFT SVGA (800 x 600) LCD
- Onboard Ultra Low Voltage Intel® Celeron® Processor at 650MHz
- Anti-vibration Disk Drive Bay for Hard Disk Drive
- TouchScreen, Mini PCI and CompactFlash™ Card Support
- 10/100Base-TX or Gigabit Ethernet (Optional)
- Supports Windows® CE.NET 4.2 and Windows® XP Embedded (Optional)
- Up to 8 in or 8 out Digital I/O
- Slim and Fanless Solution
- Supports Dual Independent Displays (Under Windows® XP)

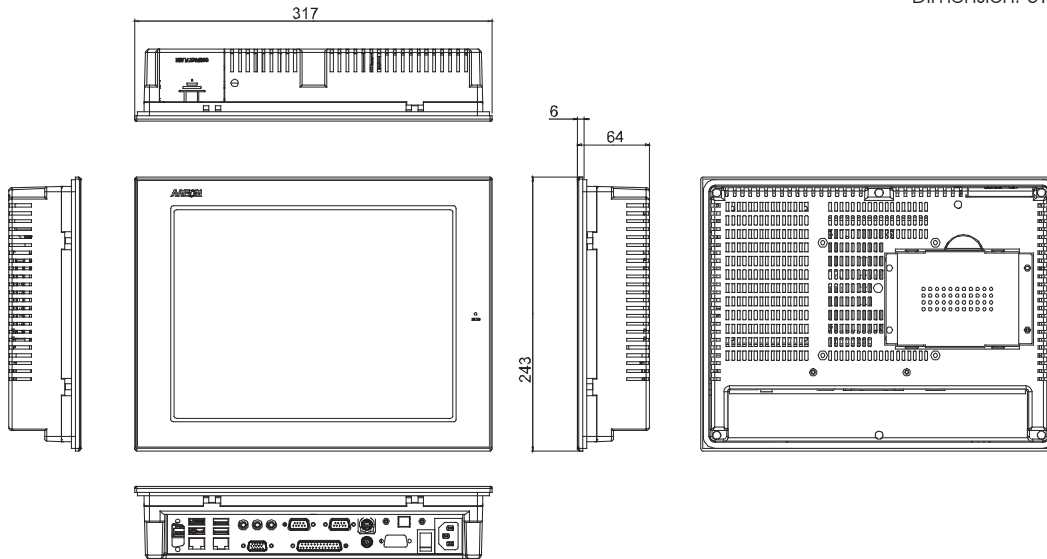


Specifications

System	
Processor	Onboard Ultra Low Voltage Intel® Celeron® processor at 650MHz
Memory (Optional)	Onboard 256MB, supports up to 1GB 184-pin DDR SDRAM
LCD/CRT Controller	VIA CLE266, shared up to 32MB
Ethernet	Realtek 8100BL 10/100Base-TX RJ-45 connector x 1 Realtek 8100C 10/100 Base-TX RJ-45 connector x 1 or 8110S 10/100/1000 Base-TX RJ-45 connector x 1 (optional)
I/O Port	3 serial ports: RS-232 x 2, RS-232/422/485 x 1 (COM 4 is reserved for TouchScreen) 1 parallel port (supports ECP/EPP) 1 PS/2 mouse port 1 PS/2 keyboard port 1 VGA port 4 USB 2.0 ports MIC-in, Line-in, Line-out, S/P DIF-out 1 Digital I/O (Supports up to 8-in or 8-out)
Storage Disk Drive (Optional)	Anti-vibration 2.5" Hard Disk Drive
Expansion Slot	Mini PCI slot x 1, CompactFlash™ slot x 1
OS Support	Windows® 2000, Windows® XP, Windows® CE.Net 4.2 (Optional), Windows® XP Embedded (Optional)
Mechanical	
Construction	Plastic chassis IP-65 certified front panel
Front Panel Color	PMS 2965C (Dark Blue)
Mounting	Panelmount, VESA 100mm holes
Dimension	12.5" (W) x 9.6" (H) x 2.5" (D) (317mm x 243mm x 64mm)
Carton Dimension	16.6" (W) x 7.7" (H) x 15.9"(D) (422mm x 196mm x 404mm)
Gross Weight	10 lb (4.5 kg)
Environmental	
Operating Temperature	32°F~104°F (0°C ~ 40°C)
Storage Temperature	-4°F~140°F (-20°C ~ 60°C)
Storage Humidity	10% to 90% @ 35°C, non-condensing
Vibration	Random operation 1G, 5~500Hz
Shock	15G peak acceleration (11 msec. Duration)
EMC	CE/FCC Class A
Power Supply	
AC input 65W	Input: 90V AC ~ 264V AC @ 47~63Hz Output: +5V@10A, +12V@1.5A, -12V@0.3A
24V DC input 70W	Input: 10V DC ~ 30V DC@13A(MAX.) Output: +5V@14A, +12V@3A(MAX.)

Dimension Unit: mm

Cutout Size: 303 x 229 mm
Dimension: 317 x 243 x 64 mm



LCD		
Models	AOP-8120HT Series	AOP-8120WT Series
Display Type	12.1" TFT LCD	12.1" TFT LCD
Max. Resolution	1024 x 768	800 x 600
Max. Colors	256K	256K
Dot Size	0.3075mm x 0.3075mm	0.3075mm x 0.3075mm
Luminance (Typical)	200 cd/m ²	350 cd/m ²
Viewing Angle	90°(H) / 40°(V)	140°(H) / 120°(V)
Back Light MTBF	15,000 hrs	50,000 hrs
TouchScreen		
Type	8-wire, Analog Resistive	
Resolution	2048 x 2048	
Light Transmission	>78%	
Lifetime	1 million activations	

Ordering Information

- TF-AOP-8120HT-A1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" TFT, Ethernet and Touch Screen
- TF-AOP-8120HT-E1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" TFT, TouchScreen and Windows® CE. Net 4.2 (English) on 32MB DOM
- TF-AOP-8120HT-E2**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" TFT, TouchScreen and Windows® CE. Net 4.2 CN (Simplified Chinese) on 64MB DOM
- TF-AOP-8120HT-P1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" TFT, TouchScreen and Windows® XP Embedded (English) on 512MB DOM
- TF-AOP-8120WT-A1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" 350 nits TFT, AC, Ethernet and TouchScreen
- TF-AOP-8120WT-A2**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" 350 nits TFT, DC 24V, Ethernet and TouchScreen
- TF-AOP-8120WT-P1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" 350 nits TFT, TouchScreen and Windows® XP Embedded (English) on 512MB DOM
- TF-AOP-8120WT-E1**
 Intel® ULV Celeron® 650MHz Fanless Operator Panel with 12.1" 350 nits TFT, TouchScreen and Windows® CE. Net 4.2 (English) on 32MB DOM

Optional Accessories

- 9741666646**
 Wireless LAN Kit, IEEE802.11b/g, with Antenna
- STAND-8150B0**
 Desktop Stand with VESA 100mm Standards
- ARM-WK075-0**
 Wallmount Kit with VESA 75/100mm Standards
- ARM-LA0115**
 Swivel Arm with VESA 75/100mm Standards
- 2.5" Hard Disk Drive**