

# APC-8152

Industrial Computing Platform Partner

## Intel® Pentium® 4 and Celeron® Processors-based Industrial Robust Panel PC with 15" TFT LCD & 2 Expansion Slots

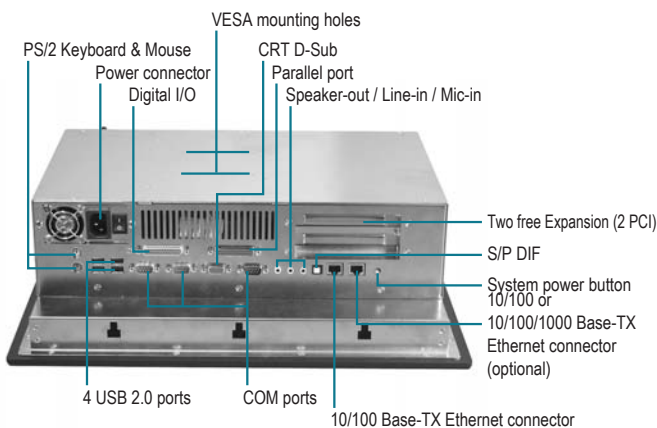


- Anti-scratch front bezel
- Status LED and LCD On/Off button
- USB 2.0 port with waterproof cover



### Features

- 15" TFT XGA (1024 x 768) LCD
- Socket 478-based Intel® Pentium® 4 and Celeron® Processors, Hyper-Threading Technology Supported
- Anti-vibration Disk Drive Bay for Hard Disk Drive
- Anti-scratch & Waterproof Aluminum Front Panel with USB Port has IP-65 Certification
- Up to 16 in or 16 out Digital I/O
- Resistive Touchscreen (optional)
- Two PCI Expansion Slots



- VESA mounting holes
- PS/2 Keyboard & Mouse
- Power connector
- Digital I/O
- CRT D-Sub
- Parallel port
- Speaker-out / Line-in / Mic-in
- Two free Expansion (2 PCI)
- S/P DIF
- System power button
- 10/100 or 10/100/1000 Base-TX Ethernet connector (optional)
- 4 USB 2.0 ports
- COM ports
- 10/100 Base-TX Ethernet connector



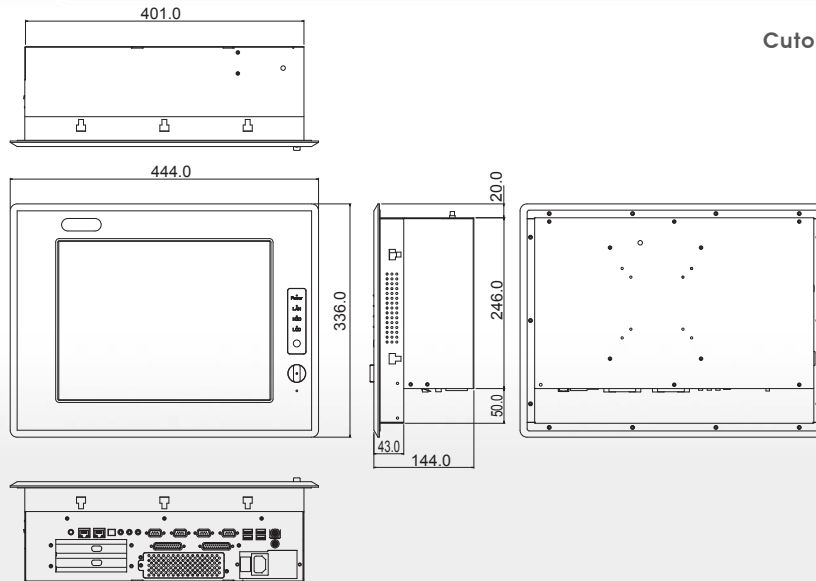
- Wireless LAN Kit (optional)
- CD-ROM or Combo (optional)
- Floppy Disk Drive (optional)
- Card reader
- Anti-vibration Hard Disk Drive Bay

### Specifications

System	
CPU	Socket 478-based Intel® Pentium® 4 and Celeron® processors, Hyper-Threading Technology supported(FSB 400/533MHz)
Memory	Supports up to 1GB DDR 184-pin SDRAM (200/266/333MHz)
LCD/CRT Controller	Intel® i845GV, AGP 4X
Ethernet	Intel® 82562, 10/100Base-TX RJ-45 port x 1
I/O Port	3 serial ports : 2 x RS-232, 1 x RS-232/422/485 (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 (on rear chassis) 1 USB 2.0 port (on front panel) (protectable by BIOS) Mic-in, Line-in, Speaker-out, S/P DIF-out 1 digital I/O (Supports up to 16 in or 16 out)
Storage Disk Drive	Anti-vibration 2.5" Hard Disk Drive, Slim Floppy Disk Drive and Slim CD-ROM Card reader: Supports CompactFlash™, Secure Digital, Multi Media Card, Memory Stick (PRO) and Smart Media
Expansion Slot	2 x PCI, 1 x Mini PCI
OS Support	Windows® 2000, Windows® XP, Windows® XP Embedded (optional)
Mechanical	
Construction	Heavy-duty steel chassis IP-65 certified anti-scratch aluminum front panel (or optional Stainless Steel front panel)
Front Panel Color	PMS 2965C (Dark Blue)
Mounting	Panelmount, VESA 75/100mm holes
Dimension	17.5" (W) x 13.2" (H) x 5.7" (D) (444mm x 336mm x 144mm)
Carton Dimension	21.9" (W) x 18.1" (H) x 14" (D) (555mm x 460mm x 355mm)
Gross Weight	33.1 lb (15Kg)

## Dimension

Unit : mm



Cutout Size : 405 x 299mm

Enviromental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10 to 90% @ 35°C, non-condensing
Vibration	Random operation 1.5G, 5 ~ 500Hz
Shock	15G peak acceleration (11 msec. duration)
EMC	CE/FCC Class B(AC version) CE/FCC Class A(DC version)
Power Supply	
AC input 250W (with Active PFC)	Input : 100V AC ~ 240V AC ± 10% @ 47 ~ 63Hz Output (Max.) : +5V @ 25A, +12V @ 13A, -12V @ 0.8A
24V DC input 200W	Input : 19V DC ~ 32V DC @ 16A max Output (Max.) : +3.3V @ 15A, +5V @ 25A, +12V @ 12A, -5V @ 0.5A, -12V @ 1A
LCD	
Display Type	15" color TFT LCD
Max. Resolution	1024 x 768
Max. Colors	256K
Dot Size	0.297mm x 0.297mm
Luminance	250 cd/m <sup>2</sup> (TYP.)
Viewing Angle	150° (H) 145° (V)
Back Light MTBF	30,000 hrs
Touchscreen (optional)	
Type	8-wire, analog resistive
Resolution	2048 x 2048
Light Transmission	75%
Lifetime	1 million activations
OS Support	Windows® 2000, Windows® XP, Windows® XP Embedded(Optional)

## Ordering Information

- **APC-8152HT-A1**  
Pentium® 4/Celeron® Panel PC with 15" TFT, AC Power Supply, Two Free Expansion Slots
- **APC-8152HT-A2**  
Pentium® 4/Celeron® Panel PC with 15" TFT, DC Power Supply, Two Free Expansion Slots
- **APC-8152HTT-A1**  
APC-8152HT-A1 with Resistive Touchscreen
- **APC-8152HTT-A2**  
APC-8152HT-A2 with Resistive Touchscreen

## Optional Accessories

- **ARM-LA0115**  
Swivel Arm with VESA 75/100mm Standards, Weight Capacity: 8~15 kgs
- **ARM-WK075-0**  
Wallmount Kit with VESA 75/100mm Standards
- **9741666646**  
Wireless LAN Kit, IEEE802.11b/g, with Antenna
- **PER-V30C-A10-01**  
Video Capture Card Kit
- **1759200158**  
CPU Cooler for Pentium® 4 GHz CPU
- **Slim CD-ROM/Combo/DVD-ROM**
- **Slim Floppy Disk Drive**
- **2.5" Hard Disk Drive**
- **9761815202**  
10/100 Base-TX Ethernet Kit, Realtek 8100C
- **9761815203**  
10/100/1000 Base-TX Ethernet Kit, Realtek 8110S
- **Pentium® 4/Celeron® processor (FSB400/533 MHz)**
- **DDR 184-pin SDRAM**
- **Windows® XP Embedded(English)**

1  
Medical Station  
Solutions -  
ONYX Series

2  
Fanless Operator  
Panel Solutions -  
OMNI Series

3  
Robust Panel  
PC Solutions

4  
Industrial  
Workstation  
Solutions

5  
Industrial  
Monitor  
Solutions

6  
Embedded  
Control PC-  
BOXER Series

7  
Accessory  
Sunreadable  
LCD Monitors

8  
Common  
Accessories