

# WMP-175

## 17" Intel Atom D525 Fanless Medical Panel PC



### Features

- 17" True Color Diagnostic Panel
- Intel Atom dual core D525 Processor
- HDD Anti-vibration mechanism (For Nursing cart)
- Anti-bacteria coating (Against Escherichia coli & Staphylococcus Aureus)
- Fanless Design
- Supports 802.11 a/b/g/n or b/g/n Wireless Solution with internal antenna (Option)
- USB2.0 WebCAM as option (By different configuration)
- Bluetooth v2.0 module as option
- TV tuner card as option
- Temper glass as option
- RoHS compliance

### System

<b>CPU</b>	Atom D525 1.8G
<b>FSB</b>	800MHz
<b>Chipset</b>	South bridge: Intel® ICH8M
<b>Audio</b>	Realtek ALC268 Audio Codec, 2+2 watts power amplifier
<b>LAN</b>	Marvell 88E8071 Gigabit Ethernet x 1
<b>Memory</b>	Single Channel, two DDR3 SODIMM socket support up to 4GB
<b>I/O</b>	Intel® ICH8M
<b>Serial ATA</b>	SATA, 150 MB/s transfer rate x 1, 2nd SATA connector for SATA DOM propose.
<b>Serial port</b>	RS232/422/485 x 1 RS232 x 4
<b>USB</b>	External USB 2.0 type A x 3 Internal Mini-PCIE (for WiFi) x 1 3.3V socket x 2 (For Webcam & Blue tooth) 5V Pin Head to expansion x 2
<b>WDT</b>	Generates system reset; 256 segments, (Seconds/Minutes)
<b>Speaker Output</b>	2W x 2

### LCD and Touch

<b>Panel</b>	17" 1280x 1024 380 nits
<b>Touch</b>	17" Resistive type 5 wire through USB port

### Storage

<b>HDD</b>	2.5" SATA HDD drive bay x 1
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### Expansion

<b>PCI-E/PCI</b>	PCI-E x 4 expansion slot x 1 (Support Wincomm approved part only) Or PCI 2.2 slot x 1 (Support Wincomm approved part only)
<b>Mini-PCIE</b>	52 pin card-edge type x 1 support half/full size (for WLAN module)

### External I/O

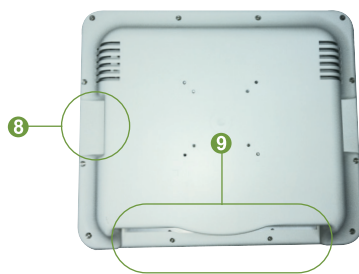
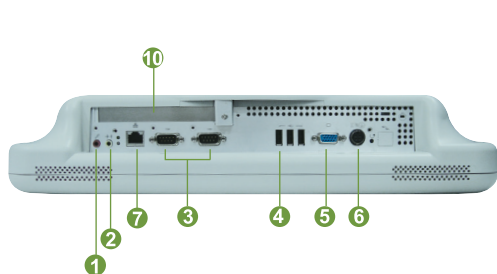
<b>USB</b>	USB 2.0 x 3(type A)
<b>COM</b>	DB-9 x 2 (RS232/422/485 x 1, RS232 x 1)
<b>LAN</b>	RJ-45 x 1 (Gigabit Ethernet)
<b>Audio</b>	3.5mm phone jack connector * 2 (Line-out, and Mic-in)
<b>VGA output</b>	DB-15 x 1

### Mechanical & Environmental

<b>Mainbody</b>	Plastic/Hospital white, close to cool gray 3C
<b>Operating Temperature:</b>	0~40°C (Burn-in, not airtight)
<b>Storage Temperature</b>	-20~60°C
<b>Operating Humidity</b>	10 ~ 90%, non-condensing
<b>Storage Humidity</b>	10 ~ 90%, non-condensing
<b>Net Dimensions</b>	420 (W) x 360 (H) x 83 (D) mm
<b>Gross Dimensions</b>	630 (W) x 550 (H) x 200 (D) mm
<b>Net Weights</b>	6.5 kg (w/o power adapter)
<b>Gross Weight</b>	9.0 Kg (w/ power adapter, packing)
<b>IP rating</b>	IP65 at front side //IPX1 whole system
<b>Regulations</b>	CUL60601-1,FCC/VCCI ClassB,EN60601-1/ EN60601-1-2

### Power

<b>Power</b>	DC IN 12V@8.33A
<b>Power Adapter</b>	AC 100V~240V

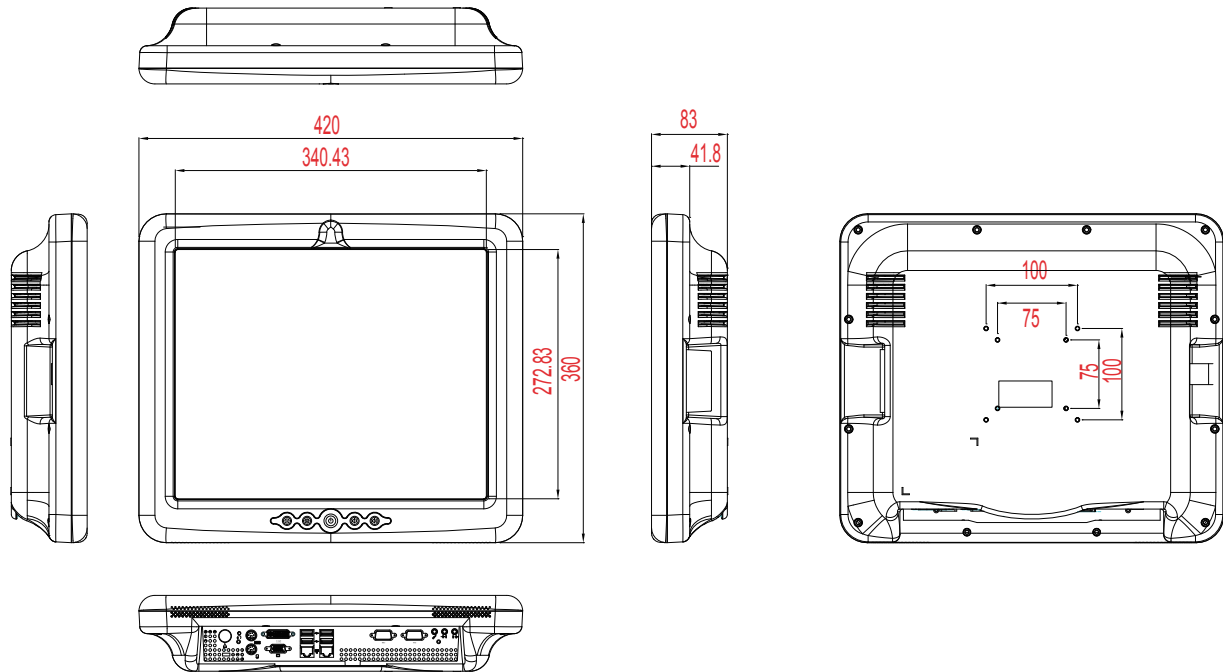


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|------------|----------------|
| ① Mic      | ⑥ Power DC-in  |
| ② Line-out | ⑦ Giga LAN     |
| ③ RS232    | ⑧ Rubber cover |
| ④ USB      | ⑨ I/O cover    |
| ⑤ VGA      | ⑩ PCI-E or PCI |

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## Drawing

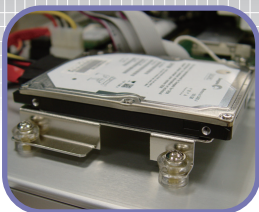


## Optional

1. 2M pixel WebCAM module (By configuration)
2. TV tuner
3. 802.11 b/g/n or a/b/g/n WLAN module
4. Bluetooth module
5. Cable clean I/O cover or I/O cover with Microphone
6. WMP-17 Stand, VESA 75/100, white, L type
7. Isolated transfer board: ISO-422/485 x1, ISO-232 x2 (Design Ready By Project)



## Key Features



HDD Anti-vibration



Wireless LAN

## Ordering Information

1. WMP-175, WMP-175-DR0A0, Atom D525 1.8G, DDR3 1G, SATA 160G, R-touch, PCI.
2. WMP-175, WMP-175-DR0E0, Atom D525 1.8G, DDR3 1G, SATA 160G, R-touch, PCI-E x4.
3. WMP-175, WMP-175-DR0N0, Atom D525 1.8G, DDR3 1G, SATA 160G, R-touch.



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