

**NEW**



## Key Features

- EMC 4.0/ Safety 3.1 Certification Ready
- Integrated Hot-Swappable Batteries, 24/7 Run-Time
- MXM 3.0 Module by Project Support
- Intel 7th Generation Core i CPU (S series), 35W max.
- Support Intel vPro by CPU
- Support i-Control Management for Power /Thermal /Battery
- FHD Capture Card as Option
- Low Noise Smart Fan Solution



Kabylake

Isolation

Anti-bacteria

## Main System

<b>CPU</b>	Kabylake 7th generation Intel® Core i7/i5 processor (35W max.)
<b>Chipset</b>	Intel® Q170
<b>Graphic</b>	Intel® integrated HD Graphics 630
<b>Memory</b>	Two 2400 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB
<b>Speaker</b>	2 W x 2

## LCD Panel

<b>Size</b>	Size: 21.5", LED Backlight
<b>Resolution</b>	1920 x 1080 (Full HD)
<b>Color numbers</b>	16.7M colors (8 bits)
<b>Viewing angle</b>	178 (H) / 178 (V)
<b>Contrast</b>	3000:1 (Typ)
<b>Brightness</b>	250 nits

## Touch Panel

<b>Type</b>	Full flat projective capacitive touch panel
<b>Light transmission</b>	90% ± 3%
<b>Hardness</b>	7H pencil, pressure 750g/45°
<b>Life time</b>	100M times
<b>OS support(Multi point)</b>	Win 10

## Storage & Expansion

<b>SSD</b>	M.2 Type M key long slot for PCIe interface x 1 (support 2280)
<b>2nd storage</b>	Optional 2.5" SATA HDD drive bay x 1 with doggy door, up to 1TB
<b>Expansion slot</b>	<ul style="list-style-type: none"> <li>• PCI-E x 4 expansion slot x 1 (25W max.)</li> <li>• Card size: 100mm (W) x 160mm (D) x 14mm (H)</li> <li>• Mini PCIe x 1 (52 pin card-edge type, compatible to PCI Express*Base specification 2.0 x 1)</li> <li>• M.2 Type E x 1</li> </ul>

## I/O & Power & Control Keys

<b>USB</b>	USB 3.0 x 4
<b>COM</b>	RS232 x 1, RS232/422/485 x 1
<b>LAN</b>	RJ-45 x 2, Gigabit
<b>Video-out</b>	DP x 2
<b>Audio</b>	3.5mm phone jack connector * 2
<b>Power input</b>	DC-in x 1, DC 12~32V input (14V~28V with battery pack)
<b>Power adaptor</b>	AC input 100 ~ 240V / 47~63 Hz / DC output 24V / 7.5A
<b>Control keys</b>	Power, audio volume, brightness, read light, display backlight, Clean me, programmable button

## Mechanical & Environmental

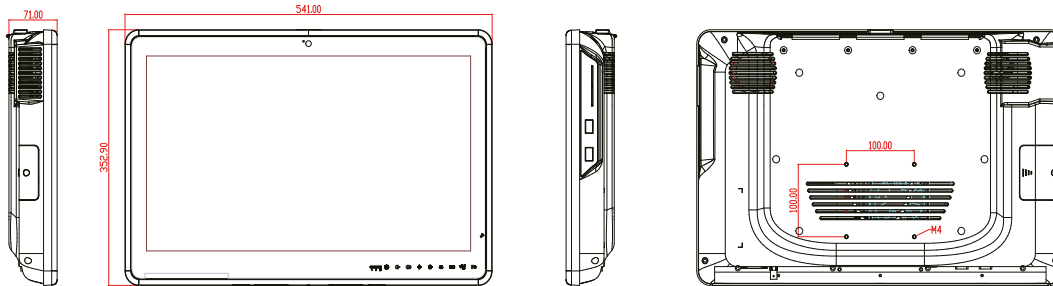
<b>Housing</b>	<ul style="list-style-type: none"> <li>• Front: Full flat design / Touch (standard), Glass (Customization)</li> <li>• Rear: Plastic + I/O cover w/ antibacterial treatment</li> <li>• Anti-bacteria (MRSA)</li> </ul>
<b>Cooling</b>	Smart Fan
<b>Water/Dust rating</b>	IP65 – front side
<b>Dimension</b>	541 x 352.9 x 64 mm (W x H x D, w/o stand)
<b>Weight (net)</b>	7.0Kg (approximate, w/o power adaptor)
<b>Temperature</b>	Operating : 0°C~40°C (chamber) Storage : -20°C~60°C
<b>Humidity</b>	Operating & storage – 10%~90%, non-condensing
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC/CE/VCCI Class B</li> <li>• cULus Mark/UL60601-1</li> <li>• EN60601-1 approved / ISO 14971 / IEC-62133</li> <li>• Energy star 6.1 compliance</li> </ul>

## Ordering Information

WMP-22H (i5)	21.5" Smart Fan	Core i5 / DDR4 4G RAM / 128G SSD / Full flat P.cap touch
WMP-22H (i7)	21.5" Smart Fan	Core i7 / DDR4 4G RAM / 128G SSD / Full flat P.cap touch

## Medical Panel PC

### Outline Drawing

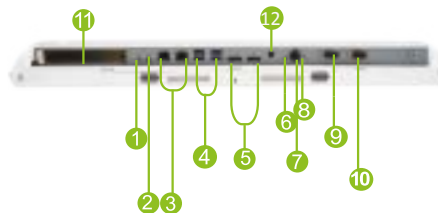


### Options

- Wireless or Wireless + BT kit
- 5M pixel webcam module (USB)
- 2.5"HDD or SSD module
- Integrated hot-swappable batteries 81Wh x 3 (100W max.)
- Cable clean IO cover
- Equipotential terminal pin
- RFID (13.56MHz)
- AG film (Can not co-exist with DICOM module)
- TPM v2.0 module
- FHD capture card
- Smart card reader
- Power adaptor w/ 2.4m or 3.6m DC cable
- Power plug holder
- WMP series stand, VESA 100

### Customization

- Tempered glass
- 5V1A power Jack
- USB 3.1 gen2 (USB 5,6)
- DICOM module
- MXM module 3.0
- Isolated 4KV module:**  
4KV Isolated USB 2.0 connector x 1  
4KV Isolated gigaLAN connector x 1  
4KV Isolated COM connector x 2  
(one is RS-232, one is RS-232/422/485)



- ① Line-out
- ② Microphone-in
- ③ LAN x 2
- ④ USB3.0 x 4
- ⑤ DP x 2
- ⑥ Reset
- ⑦ DC-in
- ⑧ Power Plugholder
- ⑨ RS232/422/485
- ⑩ RS232
- ⑪ PCI-E expansion
- ⑫ Equipotential terminal pin

