

NEW



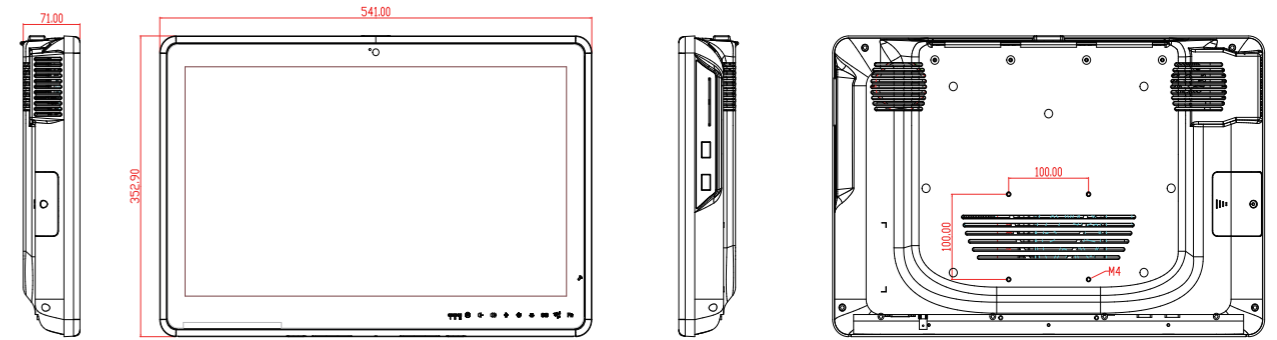
Key Features

- 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

Outline Drawing



Main System

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

LCD Panel

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

Touch Panel

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

Storage & Expansion

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

I/O & Power & Control Keys

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

Mechanical & Environmental

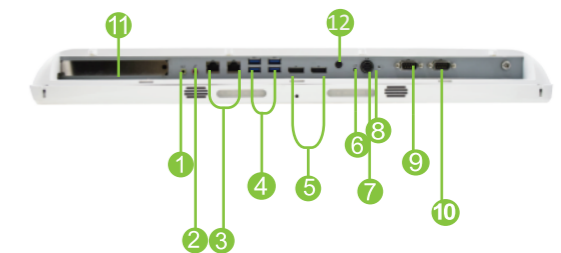
Housing	<ul style="list-style-type: none"> • Front: Full flat design / Touch (standard), Glass (Customization) • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
Cooling	Smart Fan
Water/Dust rating	IP65 – front side
Dimension	541 x 352.9 x 64 mm (W x H x D, w/o stand)
Weight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

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)



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



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