

Key Features



- Intel Skylake i7/i5/i3/Pentium Medical Panel PC
- 21.5" 1920x1080 LED Panel
- Highest level of medical safety protection EMC 4.0/ Safety 3.1 certification ready
- Anti-bacteria (MRSA) plastic housing
- Friendly design of hot-key function
- Support Intel vPro technology by CPU
- Optional PCI-E x16 expansion slot
- Optional 4KV LAN/COM/USB isolated I/O
- Optional built-in battery pack

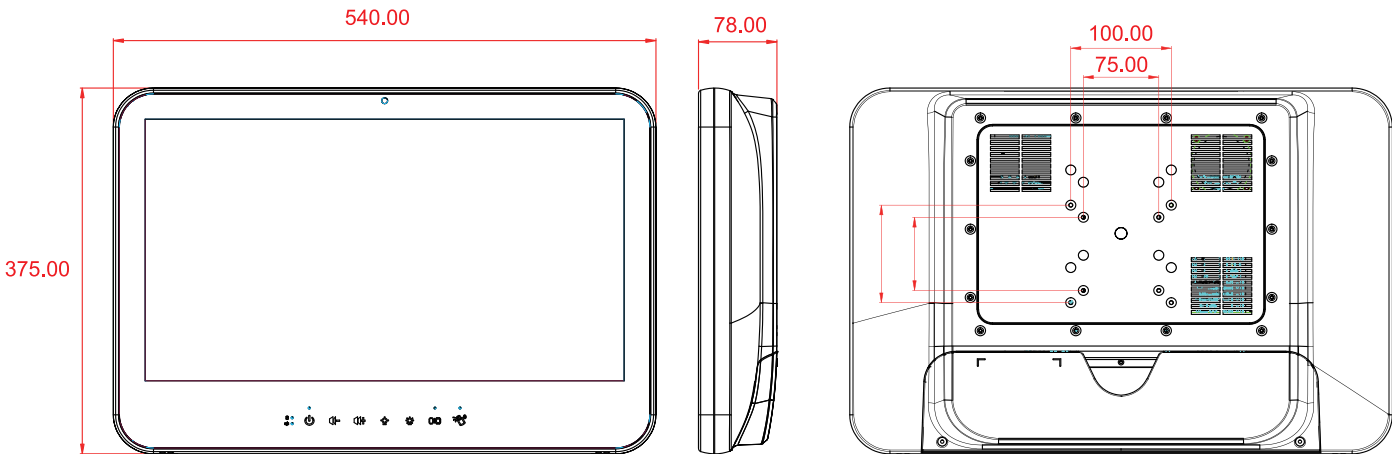


Skylake

Isolation

Expansion

Outline Drawing



Main System

CPU	LGA1151 package 6th generation Intel® Core i7/i5/i3/Pentium processor (35W max.)
Chipset	Intel® Q170 Chipset (Intel® GL82Q170 PCH)
VGA	Intel® integrated HD Graphics 530
Memory	Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB
Speaker	1.5 W x 2

LCD Panel

Size	21.5" wide 16:9
Resolution	1920 x 1080 (Full HD)
Color numbers	16.7M colors (RGB 6-bit + Hi FRC)
Viewing angle	170 (H) / 160 (V)
Contrast	1000:1 (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 7 pro, Win 8, Win 8.1 industrial, Win 10

Storage & Expansion

HDD	2.5" SATA HDD drive bay x 1
Expansion slot	• PCI-E x 16 expansion slot x 1 (60W max, can't co-exist with isolated module) [W/O DICOM module: 68mm (W) x 220mm (D) x 14mm (H)] [[W/T DICOM module: 100mm (W) x 160mm (D) x 14mm (H)] • Mini PCIe x 2 (One half and one full support mSATA)

I/O & Power & Control Keys

USB	USB 3.0 x 4
COM	RS232 x 1, RS232/422/485 x 1 (RS-485 auto flow support, Jumpless by BIOS)
LAN	RJ-45 x 2, Gigabit
Video-out	DP x 1 + DVI x 1
Audio	Line-out, Microphone-in (3.5 mm phone-jack)
Power input	DC-in x 1, DC 7~32V input (9V~28V with battery pack)
Power adaptor	AC input 90 ~ 264V / 47~63 Hz / DC output 24V, 180W
Power consumption	112 W (Full loading)
Control keys	Power on/off, Brightness, Audio volume, Backlight on/off, Clean me

Mechanical & Environmental

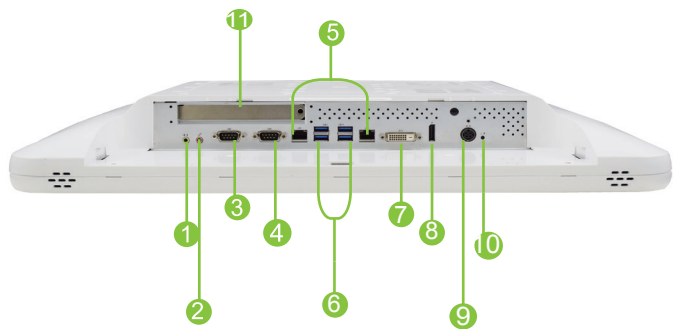
Housing	• Front: Full flat design / Touch (standard), • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
Cooling	Variable speed smart fan design, < 30 dB (typical)
IP rating	IP65 – front side
Dimension	540 x 375 x 78 mm (W x H x D, w/o stand)
Weight (net)	6.5 Kg (approximate, w/o power adaptor)
Temperature	Operating : 0°C~40°C (chamber) Storage : -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	• FCC/CE/VCCI Class B • cULus Mark/UL60601-1 • EN60601-1 approved / ISO 14971 / IEC-62133 • Energy star 6.1 compliance

Options

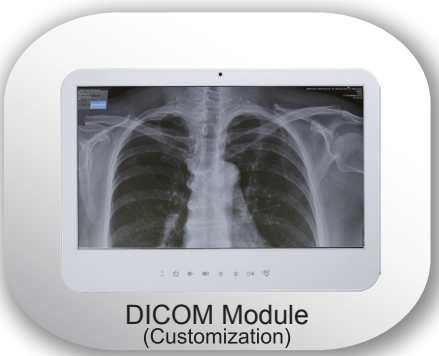
Power plug holder
Wireless or Wireless + BT kit
3.2M pixel webcam module (USB)
Battery pack (100W max.) Support add-on card 18W max.
PCI-E x 16 riser card
Equipotential terminal pin
Microphone on I/O cover
WMP series stand, VESA 75/100
AG film
mSATA module
Power adaptor w/ 2.4m or 3.6m DC cable
RFID (13.56Hz)
TPM v1.2 module

Customization

DICOM module
USB 5,6 or COM 3, 4
Tempered glass
PCI riser card (BIOS change under Win 10)
4KV Isolation Card x 1 (Isolation COM x 2, Isolation LAN x 1, Isolation USB x 1)



- ① Line-out
- ② Microphone-in
- ③ RS232/422/485
- ④ RS232
- ⑤ LAN x 2
- ⑥ USB3.0 x 4
- ⑦ DVI-D
- ⑧ DP x 1
- ⑨ DC-in
- ⑩ Reset
- ⑪ PCI-E [x16] expansion



Ordering Information

WMP-22F (i5)	21.5" FAN	Core i5-6500TE / DDR4 4G RAM / 500G HDD / Full flat P.cap touch
WMP-22F (i7)	21.5" FAN	Core i7-6700TE / DDR4 4G RAM / 500G HDD / Full flat P.cap touch