

Key Features



- Intel Skylake i7/i5/i3/Pentium Fanless 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 by Optional i7/i5 CPU
- Optional PCI-E x 4 Expansion slot
- Optional 4KV LAN/COM/USB Isolated I/O
- Optional Built-In Battery Pack

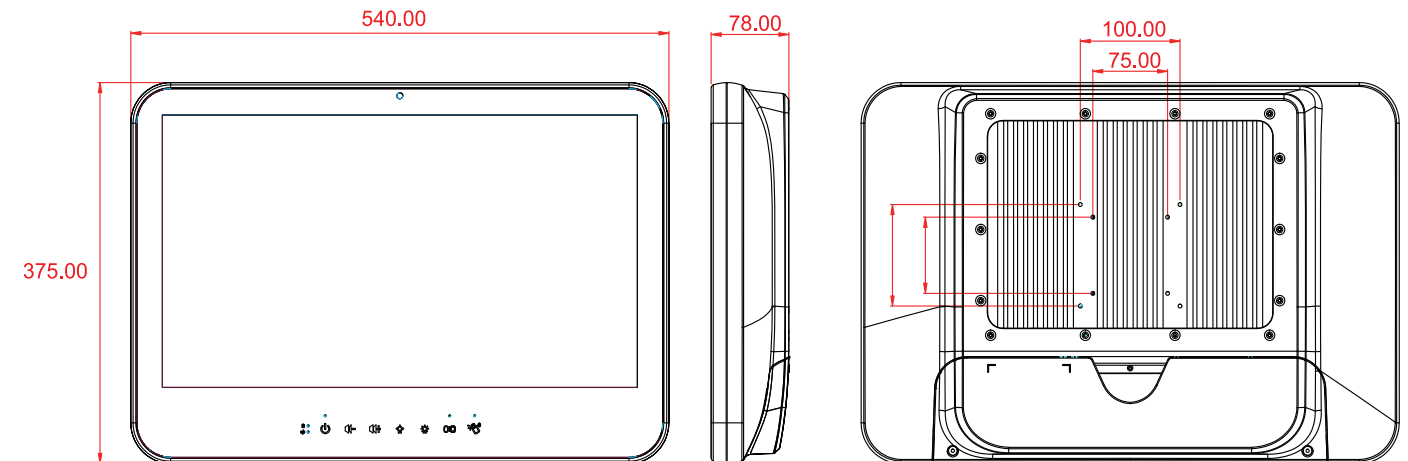


Skylake

Isolation

Expansion

Outline Drawing



Main System

CPU	FCBGA1356 6th generation Intel® Core i7/i5/i3 processor (15W max.)
Chipset	SoC
Graphic Memory	Intel® integrated HD Graphics 520 by CPU 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 4 expansion slot x 1 (25W max, can't co-exist with isolated module) [100mm (W) x 220mm (D) x 14mm (H)] • Mini PCIe x 1 (One full size support mSATA) • 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 (RS-485 auto flow support, Jumpless by BIOS)
LAN	RJ-45 x 2, Gigabit
Video-out	DP x 2
Audio	Line-out, Microphone-in (3.5 mm phone-jack)
Power input	DC-in x 1, DC 9~32V input (12V~28V with battery pack)
Power adapter	AC input 100 ~ 240V / 47~63 Hz / DC output 12V/ 8.33A
Power consumption	80 W (Full loading)
Control keys	Power on/off, Brightness, Audio volume, Backlight on/off, Clean me

Mechanical & Environmental

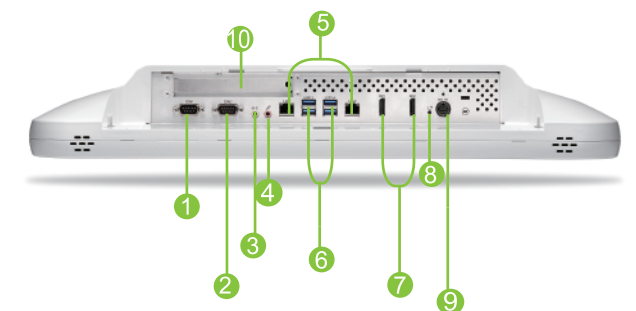
Housing	• Front: Full flat design / Touch (standard), Glass (Customization) • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
Cooling	Fanless
IP rating	IP65 – front side
Dimension	540 x 375 x 78 mm (W x H x D, w/o stand)
Weight (net)	7.0Kg (approximate, w/o power adapter)
Temperature	Operating : 0°C~35°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

Wireless or Wireless + BT kit
3.2M pixel webcam module (USB)
Battery pack (100W max.)
PCI-E x 4 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 v2.0 module
Power plug holder

Customization

Tempered glass
USB 5,6 or COM 3, 4
4KV Isolation Card x 1 (Isolation COM x 2, Isolation LAN x 1, Isolation USB x 1)



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

Ordering Information

WMP-22C (i5)	21.5" FANLESS	Core i5-6200U / DDR4 4G RAM / 500G HDD / Full flat P.cap touch
WMP-22C (i7)	21.5" FANLESS	Core i7-6500U / DDR4 4G RAM / 500G HDD / Full flat P.cap touch

