

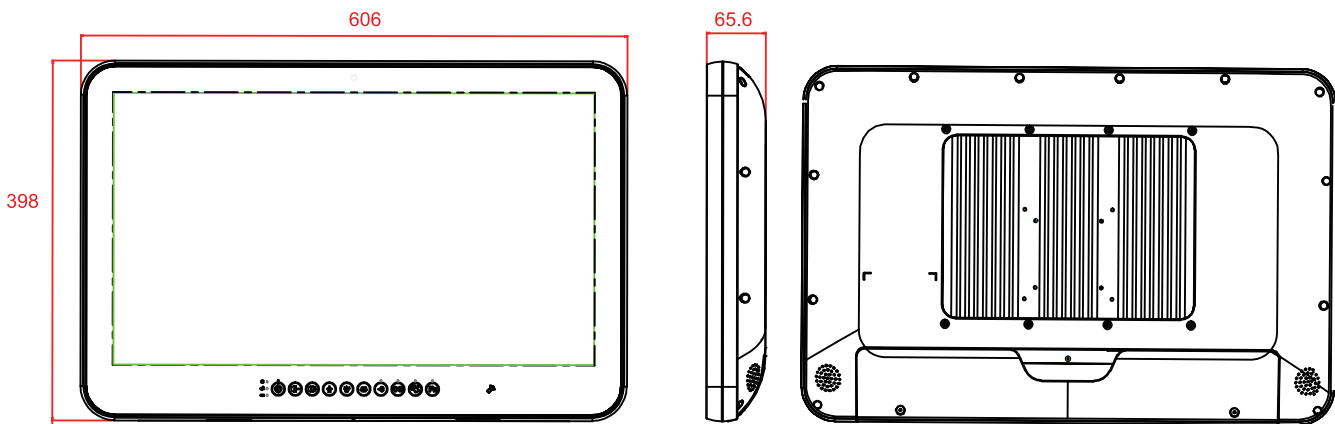


Key Features

- Intel Skylake i7/i5/i3/Pentium fanless Medical Panel PC
- 23.8" FHD 1920x1080 MVA LED panel
- P-CAP multi-touch with 10 fingers
- Highest level of medical safety protection EMC 4.0/ Safety 3.1 certification ready
- Anti-bacteria (MRSA) plastic housing
- Friendly design of front function hot-keys
- Support Intel vPro technology by CPU
- Optional PCI-E/PCI expansion slot
- Optional 4KV LAN/COM/USB isolated I/O
- Optional built-in battery pack
- Customized DICOM solution by project



Outline Drawing



Main System

CPU	LGA1151 package 6th generation Intel® Core i7/i5/i3/Pentium processor
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 32 GB
Speaker	5W x2

LCD Panel

Size	23.8" wide 16:9
Resolution	Full HD 1920 x 1080
Color numbers	16.7M colors (true 8-bit)
Viewing angle	178 (H) / 178 (V)
Contrast	3000:1 (Typ)
Brightness	250 nits

Touch Panel

Type	Full flat projective capacitive touch panel (10 fingers)
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 , mSATA via Mini PCI-E x 1
2nd storage	Optional 2nd HDD or Card reader or DVD drive x 1 (Different configuration)
Expansion slot	• PCI-E x 16 expansion slot x 1 • Card size: 114mm (W) x 190mm (D) x 25mm (H) • Mini PCIe x 1 (One full size support mSATA) • M.2 Type E x 1

I/O & Power & Control Keys

USB	USB 3.1 gen II x 2, USB 3.0 x 2
COM	RS232 x 2
LAN	RJ-45 x 1, 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 (9V~28V with battery pack)
Power adaptor	AC input 90 ~ 264V / 47 ~ 63 Hz / DC output 24V, 180W
Power consumption	116 W (Full loading)
Control keys	Power, brightness, audio volume, read light, video input, display backlight, Clean me, programmable button

Mechanical & Environmental

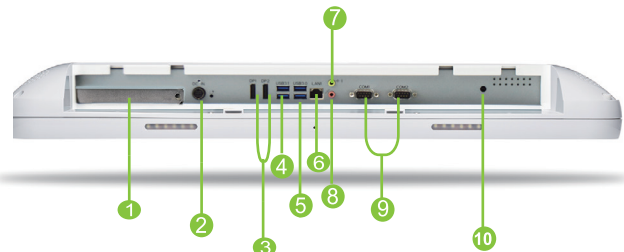
Housing	• Front: Full flat design / Touch (standard), Glass (Customization) • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
IP rating	IP65 – front side, IPx1 whole system
Cooling	Fanless
Dimension	606 (H) x 398 (V) x 65.6 (T) (mm x mm x mm)
Weight (net)	9 kg (w/o power adapter)
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
Auto focus 5M pixel webcam module (USB)
Battery pack (100 max. PCI-E support, can't use when booting/S3 wake up)
PCI-E x16
Power adaptor w/ 2.4m or 3.6m DC cable
Anti-bacteria desktop stand
Equipotential terminal pin
TPM v1.2 module
Smart card reader (USB) or DVD drive or 2nd HDD
AG Film
mSATA module
FHD Capture card
Power plug holder
RFID reader (13.56Hz)
4KV Isolation: ISO COM x 2 + ISO LAN x 1 + ISO USB2.0 x 1 (need to take original COM x 2 ports' space)
Option other I/O: USB3.1 x 2 + USB3.0 x 2 + USB2.0 x 2 + COM x 2 + LAN x 2+ DP x 2 (Default: USB3.1 x 2 + USB3.0 x 2 + COM x 2 + LAN x 1 + DP x 2)

Customization

PCI riser card (BIOS change under Win 10)
Video input DVI-D x 1 Via cable (need to modify IO BKT)
DICOM module (Can't add AG film on touch)



- ① PCI-E/PCI expansion
- ② DC-in
- ③ DP Port x 2 (Output)
- ④ USB 3.1 x 2
- ⑤ USB 3.0 x 2
- ⑥ LAN x 1
- ⑦ Microphone-in
- ⑧ Line-out
- ⑨ RS232
- ⑩ Reset



DVD drive (Option)

Ordering Information

WMP-24C (i5)	24" FANLESS	Core i5-6500TE / DDR4 4G RAM / 500G HDD / Full flat P.cap touch
WMP-24C (i5)	24" FANLESS	Core i5-6500TE / DDR4 4G RAM / 500G HDD / Full flat P.cap touch / isolated USB/COM/LAN