

Key Features



- Intel Skylake i7/i5/i3/Pentium fanless Medical Panel PC
- 15.6" 1366x768 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 hot-keys
- Support Intel vPro technology by CPU
- Optional PCI-E x 4 expansion slot
- Optional 4KV LAN/COM/USB isolated I/O
- Optional built-in battery pack

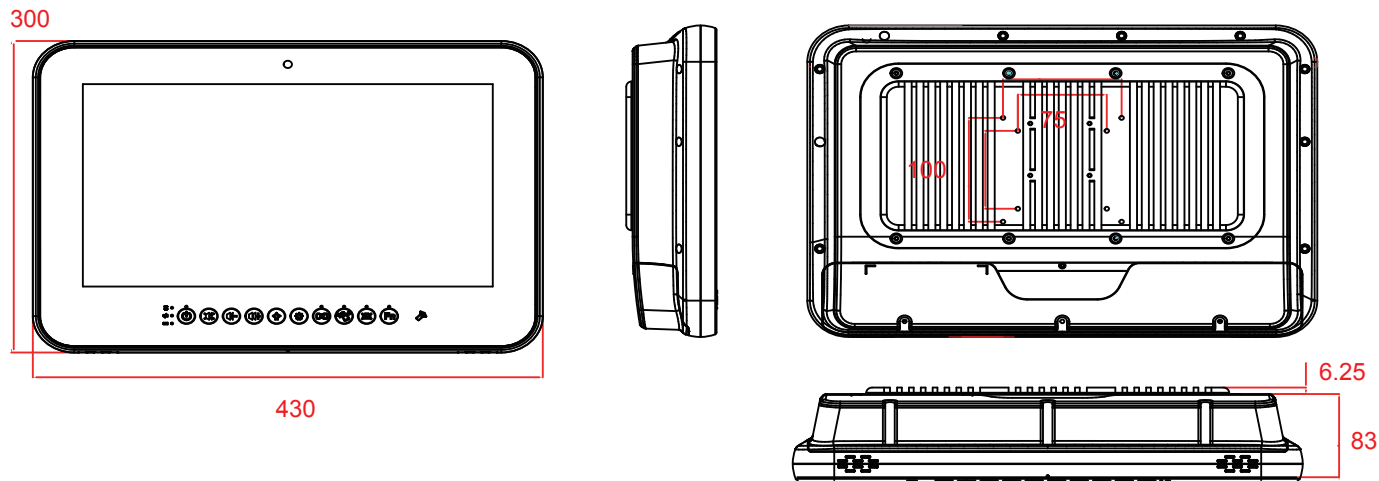


Skylake

Isolation

Expansion

Outline Drawing



Main System

CPU	FCBGA1356 6th generation Intel® Core i7/i5/i3 processor (15W max.)
Chipset	SoC
VGA	Intel® integrated HD Graphics 520 by CPU
Memory	Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB

Speaker 2 W x 2

LCD Panel

Size	15.6" wide 16:9
Resolution	1366x768
Color numbers	16.7M colors (RGB 6-bit + Hi FRC)
Viewing angle	170 (H) / 160 (V)
Contrast	500:1 (Typ)
Brightness	400 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 (x4) expansion slot x 1 (25W max, can't co-exist with isolated module) • Card size: 100mm (W) x 160mm (D) x 14mm (H) • Mini-PCIe x 1 (52 pin card-edge type) (One full size support mSATA) • M.2 Type E x 1

I/O & Power & Control Keys

USB	USB 3.0 x 4 (Default)
COM	RS232 x 1, RS232/RS422/RS485 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 (12~28V with battery pack)
Power adaptor	AC input 90 ~ 264V / 47~63 Hz / DC output 12V, medical grade, 1.2m DC cable, 100W
Power consumption	96 W (Full loading)
Control keys	Power, audio volume, brightness, backlight on/off, Clean me, webcam (disable), programmable button

Mechanical & Environmental

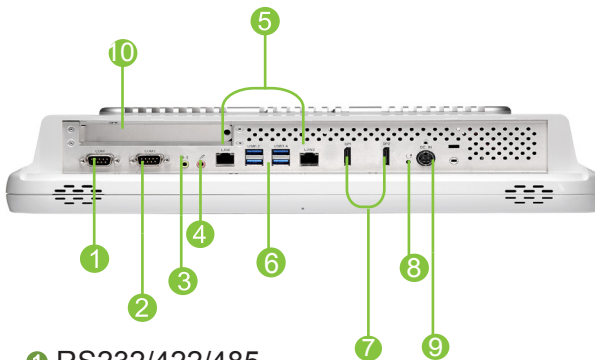
Housing	• Front: Full flat design / Touch (standard), Glass (Customization) • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
IP rating	IP65 – front side, IPx1 whole system
Cooling	Fanless
Dimension	430 (H) x 300 (V) x 83 (T) (mm x mm x mm)
Weight (net)	5 kg (w/o power adapter)
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

Power plug holder
Wireless or Wireless + BT kit
3.2 M pixel AF webcam module (USB)
Battery pack (100W max.)
PCI-E x 4 riser card
Power adaptor w/ 2.4m or 3.6m DC cable
Anti-bacteria desktop stand (white, L type)
Equipotential terminal pin
AG film
TPM v1.2 module
mSATA module
RFID reader (13.56Hz)
Microphone on I/O cover

Customization

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 USB 3.0 x 4
- ⑦ DP x 2
- ⑧ Reset
- ⑨ DC-in
- ⑩ PCI-E/PCI expansion

Ordering Information

WMP-15C (i5)	15" FANLESS	i5-6200U / DDR4 4G RAM / 500G HDD / Full flat P.cap touch
WMP-15C (i7)	15" FANLESS	i7-6500U / DDR4 4G RAM / 500G HDD / Full flat P.cap touch

