

NEW

Key Features

- Intel Broadwell Medical Panel PC
- 19" 5:4 1280x1024 LED Panel
- P-CAP multi-touch with 10 fingers
- Medical UL60601-1 3rd edition certification
- Anti-bacteria (MRSA) plastic housing
- Friendly design of front function hot-keys
- Optional PCI-E/PCI expansion slot
- Optional 4KV LAN/COM/USB isolated I/O
- Optional built-in battery pack



Broadwell



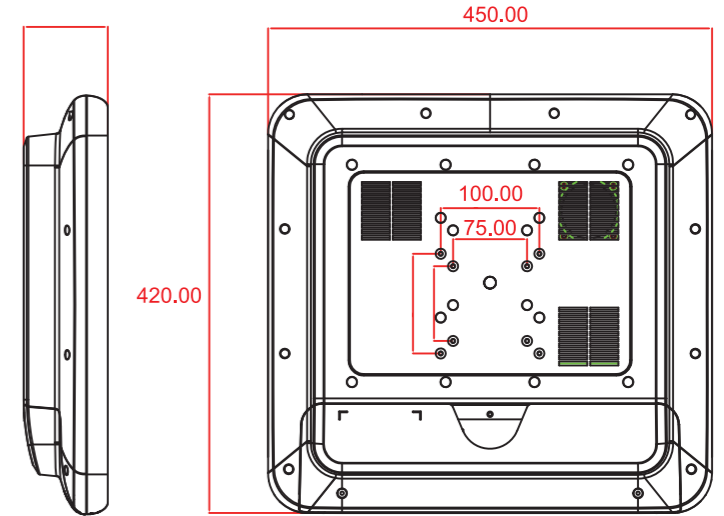
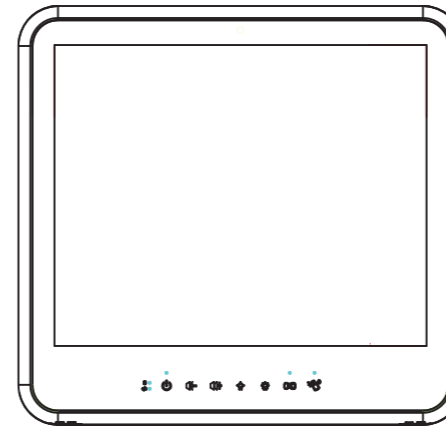
Isolation



Expansion



Outline Drawing



Main System

CPU	FCBGA1364 4th/5th generation Intel® Core i7/i5 processor (47W max.)
Chipset	Intel® BD82QM87 PCH
Graphics	Intel® integrated HD Graphics 4600 / 5600
Memory	Two 1600 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 16GB
Speaker	2W x 2
LCD Panel	
Size	19" 5:4
Resolution	SXGA 1280 x 1024
Color numbers	16.7M colors (RGB 6-bit + Hi FRC)
Viewing angle	170 (H) / 160 (V)
Contrast	1000:1
Brightness	350 nits

I/O & Power & Control Keys

USB	USB 3.0 x 4
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, 7V~32V (9V~28V with battery pack)
Power adaptor	AC input 90 ~ 264V / 47~63 Hz / DC output 24V, medical grade, 1.2m DC cable, 180W
Power consumption	118.48 W (MAX. loading without adapter)
Control keys	Power on/off, Brightness, Audio volume, Backlight on/off, Clean me

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

Storage & Expansion

HDD	2.5" SATA HDD drive bay x 1
Expansion slot	<ul style="list-style-type: none"> • PCI-E x 16 expansion slot x 1 (60W max, can't co-exist with isolated module) • Card size: 100mm (W) x 220mm (D) x 14mm (H) • Mini PCIe x 2

Mechanical & Environmental

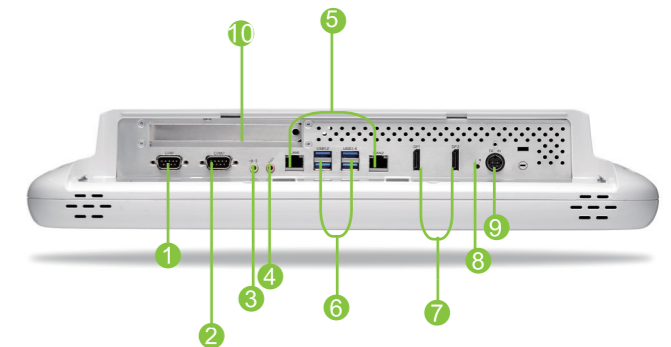
Housing	<ul style="list-style-type: none"> • Front: Full flat design / Touch (standard), Glass (Customization) • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
IP rating	IP65 – front side, IPx1 whole system
Cooling	Variable speed smart fan design < 30 dB (typical)
Dimension	450 x 420 x 85.3 mm (W x H x D, w/o stand)
Weight (net)	7.5 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	<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

802.11 a/b/g/n WLAN module (Mini PCIe)
802.11 a/b/g/n WLAN + Bluetooth 4.0 module (Mini PCIe)
Webcam (3.2 pixel, USB)
Battery pack
PCI-E x 16 riser card
Power adaptor w/ 2.4m or 3.6m DC cable
Anti-bacteria desktop stand
Equipotential terminal pin
TPM v1.2 module
mSATA module
AG Film
4KV Isolation Card x 1 (Isolation COM x 2, Isolation LAN x 1, Isolation USB x 1)
RFID (13.56Hz)
Power plug holder

Customization

USB 5,6 or COM 3,4
Tempered glass
Resistive Touch
DICOM solution
FHD Capture card



- 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/PCI expansion

Ordering Information

WMP-19B (i5)	19" FAN	Core i5-4210H / 4G RAM / 500G HDD / Full flat P.cap touch
WMP-19B (i7)	19" FAN	Core i7-5700HQ / 4G RAM / 500G HDD / Full flat P.cap touch

