

NEW

Key Features

- Intel Skylake i7/i5/i3/Pentium Medical Panel PC
- 19" 1280x1024 LED Panel
- Medical 60601-1 4th edition certification
- Anti-bacteria 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



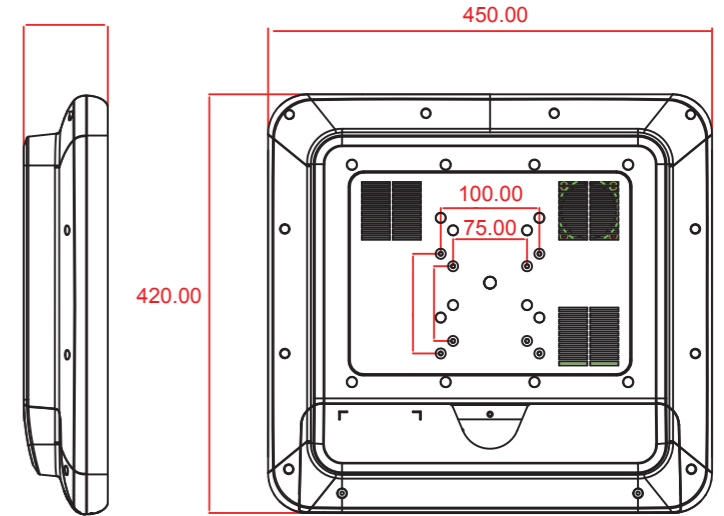
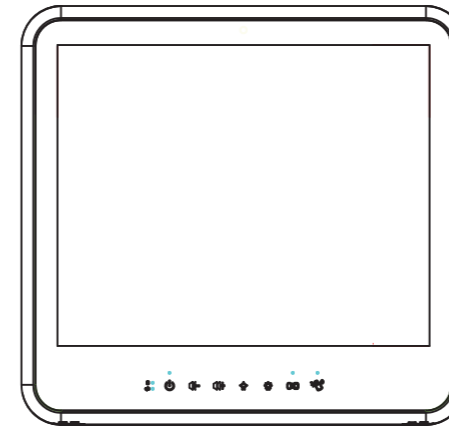
Isolation



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	2 W 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 (Typ)
Brightness	350 nits

Touch Panel

Technology	Projected capacitive touch (default)	5-wire resistive touch (Customization)
Type	Front full flat touch panel	Front full flat touch panel
Transparency	90% ± 3%	> 78% (at 550 nm wavelength)
Hardness	7H pencil, pressure 750g/45°	pencil hardness ≥ 3H
Durability	Knock 100 million times	Knock 35 million 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	<ul style="list-style-type: none"> • 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)

Ordering Information

WMP-19F (i5)	19" FAN	i5-6500TE /4G RAM /500G HDD/ P-cap Touch
WMP-19F (i7)	19" FAN	i7-6700TE /4G RAM /500G HDD/ P-cap Touch

I/O & Power & Control Keys

USB	USB 3.0 x 4
COM	DB-9 x 2 (RS232 x 1, RS232/422/485 x 1)
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
Power consumption	114.3 W (MAX. loading without adapter)
Control keys	Power on/off, Brightness, Audio volume, Backlight on/off, Clean me

Mechanical & Environmental

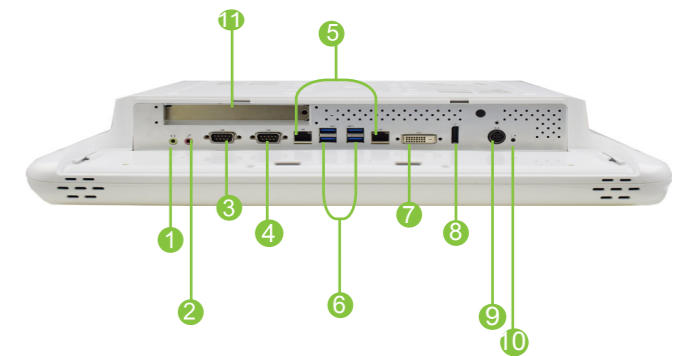
Housing	<ul style="list-style-type: none"> • Front: Full flat design / Touch (standard), • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA)
Cooling	Variable speed smart fan design, < 30 dB (typical)
IP rating	IP65 – front side
Dimension	450 x 420 x 85.3 mm (W x H x D, w/o stand)
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)
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
WMP series stand, VESA 75/100
AG film
mSATA module
Power adaptor w/ 2.4m or 3.6m DC cable
Isolated 4KV module
4KV Isolated USB 2.0 connector x 1
4KV Isolated gigaLAN connector x 1
4KV Isolated COM connector x 2
Power plug holder

Customization

DICOM module
Resistive Touch
Tempered glass
USB 5,6 or COM 3, 4
RFID (13.56Hz)
FHD Capture card



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

