



Features

- Medical Grade 4th UL/EN 60601-1-2 Certified
- Powerful 14th Gen. Intel Core i7/i5, 45W Max.
- Supports Dual Channel DDR4 SODIMM up to 64GB
- 1 X PCIe16 (130W), 1 X PCIe4, 1 X Mini-PCIe, 1 X M.2 (Key M, 2280)
- Smart Fan w/Hospital White Housing
- w/2nd Storage SSD
- w/Anti-vibration mechanism for SSD
- Rich I.O., Up to 8 X USB, 1 X VGA/DVI-D/DP, 2 X LAN & 2 X COM

Specification

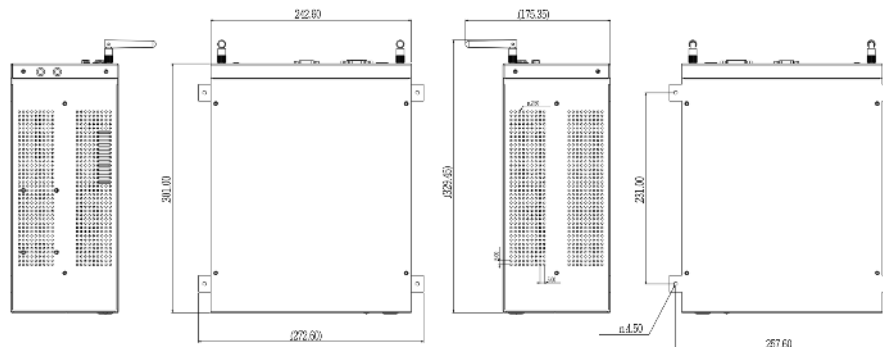
Product		WPC-76BF
Main System	CPU / Chipset	Intel® 12 th / 13 th / 14 th Generation Intel® Core i9/i7/i5/i3, Pentium and Celeron Processor, 45W max. /Intel® Q670E Express Chipset
	Graphic	Intel® HD Graphics
	RAM	Two 3200 MHz DDR4 SODIMM socket support dual Channel, up to 64GB
	OS Support	Windows 10 (IoT LTSC), Window 11 (IoT LTSC)
I/O Ports	USB	4 x USB 3.2 (S5 support 5V1A output); 4 x USB 2.0
	COM	2 x RS232/RS422/RS485 (RI/5V/12V)
	Video output	1 x DP1.2, 1 x DVI-D, 1 x VGA
	Audio	3.5mm phone jack (Line in, Line out, Mic in)
	LAN	RJ-45 x 2 (LAN 1 :1GB Intel® i219LM; LAN 2 : 2.5GB Intel® i226V)
	Power Switch	Power on/ off at front site, reset button at back side
Storage & Expansion	Storage	1 x M.2 M.Key 2280 SSD (NVMe) 1 x 2.5" SATA SSD w/anti-vibration
	Expansion slot	1 x M.2 (Key M, 2280), 1 x M.2 (Key E, 2230) for Wireless, 1 x mini-PCIe (Full Size) 1 x PCI-Ex16 (130W max), 1 x PCI-Ex4(10W max), Total max. 140W
Power	Power input	DC 12~24V input
	Power adapter	AC input 100 ~240V / 47 ~ 63 Hz / DC output 24V 300W
	Power & HDD Indicator	Power: Green/Orange; HDD: accessing
Environmental	Temperature	Operating Temperature 0~40℃ (0~50℃ By Project) Storage Temperature -20~60℃
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing
	Shock/Vibration/Drop	Shock Operation 15g/ 0.53 oz , 11 ms, half sine wave Vibration Operation 5 ~ 17 Hz, Amplitude : 0.2" 17 ~ 500Hz, Acceleration : 1.0G Drop Operation Free fall: 3 feet, 1 corner, 3 edges, 6 faces
	Cooling	Smart Fan
Mechanical Characteristics	Housing	Sliver Aluminum Heatsink and SECC w/ Hospital White Painting
	Dimensions (Net: mm)	301 (L) x 242.6 (W) x 130 (D)
	Weights (Net: kg)	5 kg
Certification	CE: EN 60601-1-2:2015 (V4.1), VCCI: 2016-11, Class B (Power adapter with PSE) FCC: Part 18 Class B, Canada, ICES-003 UL: ANSI/AAMI ES60601-1:2012 (V3.2) by project cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.2) by project ISO 14971 / EN-60601-1;2006/A1:2013 (V3.2) by project	

WPC-76BF

Medical Grade Box PC Series

Dimensions

Units (mm)



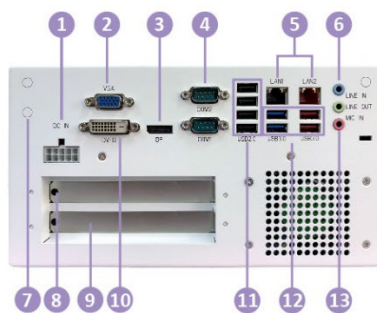
Major Options

Options	① WiFi 7 + Bluetooth Module ② Equipotential Terminal Pin ③ 2.5" SSD ④ Windows 10 (IoT LTSC) & Window 11 (IoT LTSC) ⑤ TPM 2.0 module
Customizations	① Easy Removable Bay ② Remote Power Control Button (DB9)

Order Information

Item	Cooling	Description
WPC-76BF	Fan	Core i5-14400 2.5Ghz, DDR4 8G RAM, 128G SSD

I.O.



- ① DC-in
- ② VGA
- ③ 1 x DP
- ④ 2 x RS232/RS422/RS485
- ⑤ 2 x RJ-45
- ⑥ Line-in/out
- ⑦ Equipotential terminal pin
- ⑧ PCIe x 16
- ⑨ PCIe x 4
- ⑩ DVI-D
- ⑪ 4 x USB 2.0
- ⑫ 4 x USB 3.0
- ⑬ Mic-in

