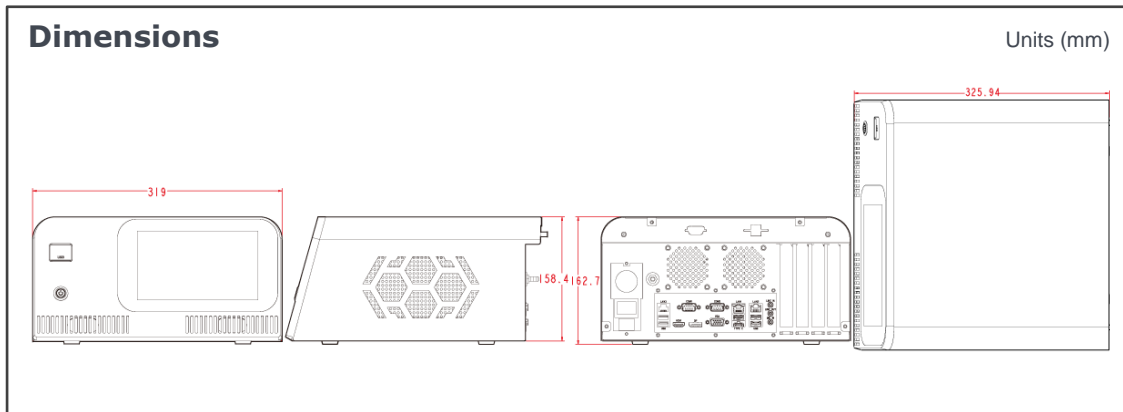


Features

- High performance intel 12th generation Alder lake S Core i CPU
- Supports 4 x 288-pin ECC/non-ECC Long-DIMM DDR4 3200 MHz, up to 128GB (32GB per DIMM)
- Supports M.2 M.Key PCIe Gen 4 X 4 SSD (Support NVMe SSD)
- 3 display support via the rear I/O panel including HDMI & DP & VGA
- Onboard 2.5GbE LAN delivering faster Ethernet *3
- Low noise Smart fan solution

Specification

Product		WPC-789-PSI
Main System	CPU / Chipset	Intel® 12 th Generation Intel® Core i9/i7/i5 Processor, 65W Max. Intel® W680 Express Chipset
	Graphic	Intel® UHD Graphics 770
	RAM	Four 3200 MHz DDR4 Long-DIMM socket support dual Channel, ECC/non-ECC, up to 128GB
	OS Support	Windows 10 (2021-LTSC) (64bit), Windows 11 (64bit)
I/O Ports	USB	Front: 2 x USB 3.2 Gen1 (W/Cover) Rear: 5 x USB 3.2 Gen2, 2 x USB 3.2 Gen2 (20G) Type C x 1
	COM	2 x RS232/RS422/RS485
	Video output	1 x DP1.4a, 1 x HDMI 2.0, 1 x VGA
	Audio	3.5mm phone jack (Line-in, Line-out, Mic-in)
	LAN	3 x RJ-45 (Intel® 1225LM supports AMT/Vpro)
	Power Switch	Power On / Off
Storage & Expansion	Storage	1 x M.2 (Key M, up to 25110) w/PClex4 Gen4 for SSD up to 1TB; 1 x M.2 (Key M, 2242/2260/2280) w/PClex4 Gen3 for SSD up to 1TB; 1 x 2.5" 7mm SATA3 SSD, up to 2TB
	Expansion slot	1 x M.2 (Key E, 2230) for Wireless, 1 x M.2 (Key B, 3042/3052) 2 x PCIe Gen4 Slots x 2 (PCIe1/PCIe3: single at x16(PCIe1))
Power	Power input	ATX PWR (24+8-pin)
	Power adapter	AC input 100 ~240V / 47 ~ 63 Hz / 500W
	Power consumption	TBD
Environmental	Temperature	Operating Temperature 0~40°C Storage Temperature -20~60°C
	Humidity	Operating & Storage: 20 ~ 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 feets, 1 corner, 3 edges, 6 faces
	Cooling	Smart Fan, Noise less than 30dB at 25°C (ambient temp.)
Mechanical Characteristics	Housing	SECC with hospital white painting
	Dimensions (Net: mm)	TBD
	Weights (Net: kg)	TBD
Certification	CE: EN 60601-1-2 (V4.1), EN 60601-1 (V3.2) VCCI: 2016-11, Class B (PSU with PSE -TBD) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.2) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.2) ISO 14971 / IEC62133	



Major Options

Options	<ol style="list-style-type: none"> 1. Wifi 6/7 2. 2.5" SSD module 3. Windows 10 IoT Enterprise 4. Windows 11 IoT GAC (64bit) 5. 7" 800*480 LCD 6. 7" PCAP touch 7. Equipotential terminal pin
Customizations	NA

Order Information

Item	Cooling	Description
WPC-789-PSI	Smart Fan	Core i7-12700E 4.8Ghz, DDR4 16G RAM, M.2 256G SSD / Vpro
WPC-789-PSI	Smart Fan	Core i5-12500E 4.5Ghz, DDR4 16G RAM, M.2 256G SSD / Vpro
WPC-789-PSI	Smart Fan	Core i9-12900E 5.0Ghz, DDR4 16G RAM, M.2 256G SSD / Vpro