

W144

Intel PTL MINI PC



- Intel PTL Processor
- 4 x LPDDR5x
- 3 x M.2 2280 KEY-M PCIE SSD
- 1 x M.2 2230 KEY-E for WIFI/BT
- 2 x Gigabit Lan (2.5G/10Gbps)(Optional)
- 2 x Thunderbolt4
- 2 x USB3.2, 2 x USB2
- 1 x SD Card 8.0
- 1 x OCULINK
- 1 x HDMI, 1 xDP
- 20V 180W DC IN
- Support Window 11

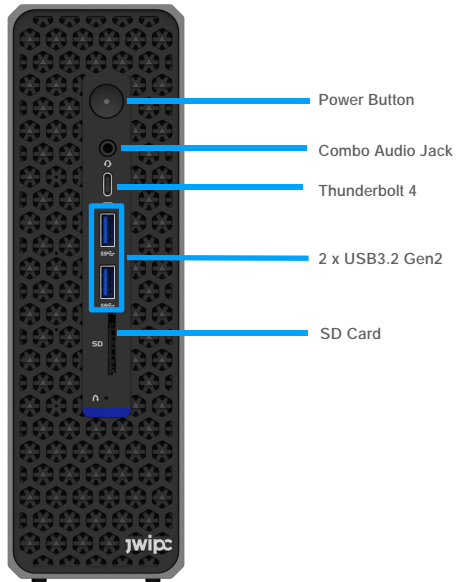
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Specifications

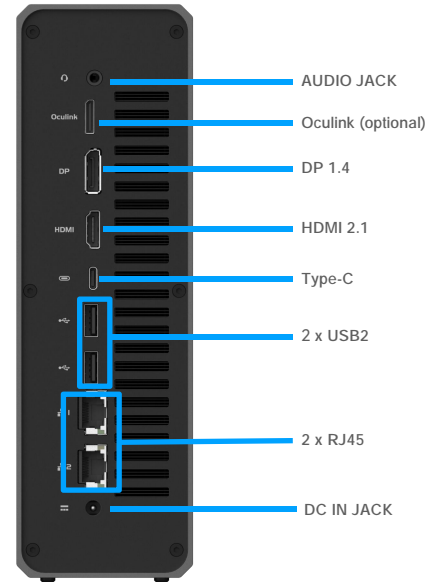
Processor System	CPU	Intel® Panther Lake Series processors, TDP 80W 484/12Xe Series processors optional
	Chipset	SOC
	BIOS	AMI UEFI BIOS
Graphics	Multi displays	Support 4 display
	Interface	1 x HDMI, 1 x DP, 2 x Thunderbolt 4
Memory	Type	4 x LPDDR5x 8533MHz
	Max	64GB
Ethernet	Lan IC	1 x RTL8125K, 1 x RTL8125K(Optional RTL8127)
	Interface	1 x 2.5G, 1 x 2.5G/10G(Optional)
	Connector	2 x RJ45
Wireless	Type	M.2 2230 Standard Wi-Fi/BT module, Optional WiFi6E/WiFi7 module
	Interface	1 x M.2 KEY-E 2230
Storage	Type	SSD
	Interface	1 x M.2 2280 KEY-M (PCIE 5.0 x4), 2 x M.2 2280 KEY-M (PCIE 4.0 x4)
IO Interface	Front panel	1 x Power Button, 1 x 3.5mm Combo Audio Jack, 2 x USB3.2 Gen2, 1 x SD Card 8.0(PCIE4.0 x1), 1 x Thunderbolt 4(support 40G, DP and PD OUT 15W)
	Rear panel	1 x Oculink (optional), 1 x HDMI2.1(8K60Hz), 1 x DP1.4(8K60Hz), 2 x RJ45(2 x 2.5G or 2.5G+10G option), 1 xThunderbolt 4(support 40G, DP and PD OUT 15W), 2 x USB2, 1 x DC IN JACK
Software	OS Supports	WINDOWS 11
	TPM	Optional
Power	Power input	20V 180W DC IN adapter
Size	Size	200 x 69.5 x 226 mm
Environment	Operating Temp.	-5~45°C
	Operating Hum.	10%~90% non-condensing
	Storage Temp.	-20~70°C
	Storage Hum.	5%~95% non-condensing

Product view

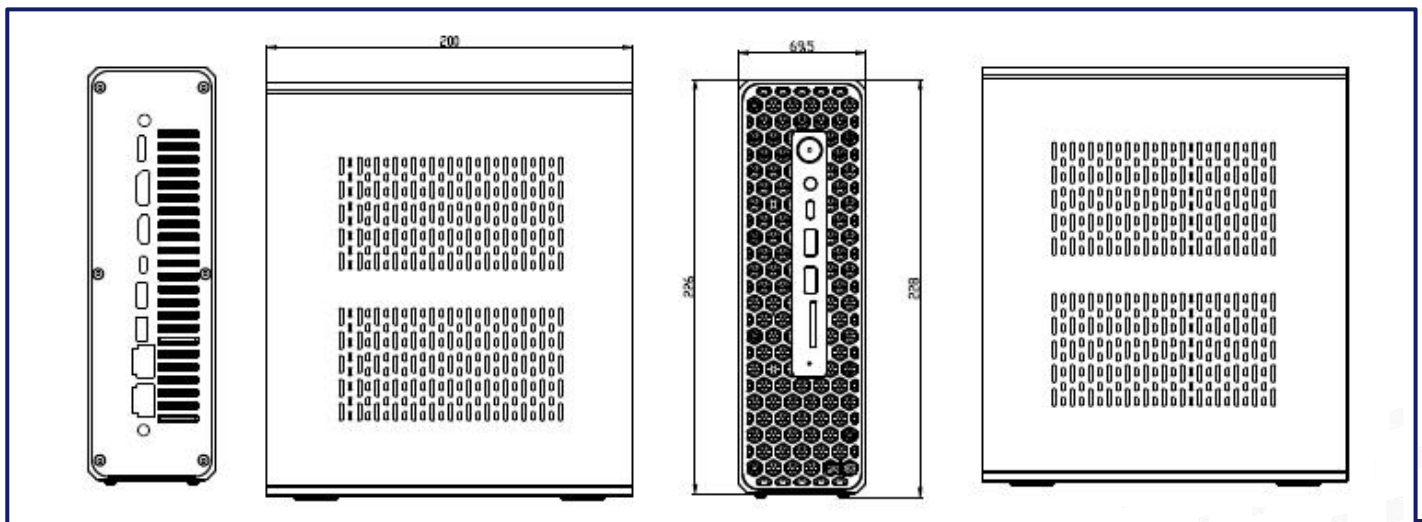
Front I/O



Rear I/O



Dimensions



Product Selection

Model	Description
W144-358H	PTL-358H/2 x USB3.2 Gen2/1 x Thunderbolt 4/1 x HDMI2.1(8K60Hz)/1 x DP1.4(8K60Hz)/2xUSB2/2 x RJ45(2 x 2.5G or 2.5G+10G option)
W144-356H	PTL-356H/2 x USB3.2 Gen2/1 x Thunderbolt 4/1 x HDMI2.1(8K60Hz)/1 x DP1.4(8K60Hz)/2xUSB2/2 x RJ45(2 x 2.5G or 2.5G+10G option)