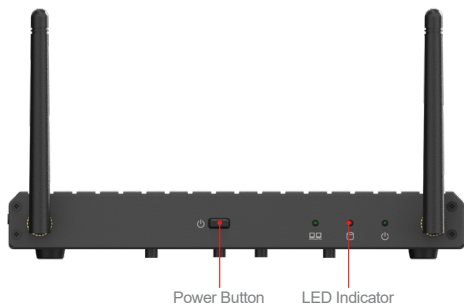
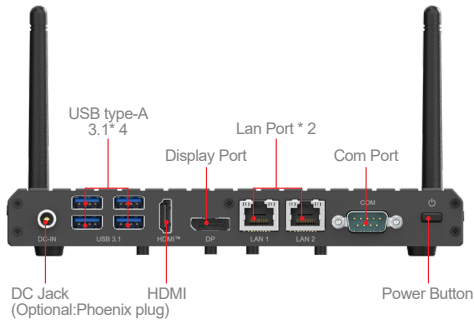
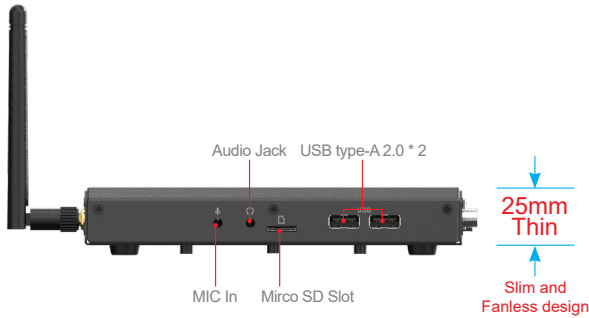


MS-1P17

Ultra Slim Size Box PC with Intel® IOTG Alder Lake-N Processor for Ultra Low-Power Fanless Solution

NEW



Specifications

System Processor	CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W	Intel® IOTG Alder Lake-N Atom® X7425E, QC, 12W	Intel® IOTG Alder Lake-N Core i3-N305, QC, to 15W
	Frequency	2 GHz, up to 3.6 GHz	3.4 GHz	1.8 GHz, up to 3.8 GHz
	L2 Cache	6MB		
	CPU Type	BGA		
	Chipset	Integrated in SoC Process		
Memory	BIOS	AMI		
	Technology	Single-Channel DDR5 4800 MHz		
	Max. Capacity	Up to 16 GB		
Graphics	Socket	1 x 262-pin SO-DIMM		
	Controller	Intel® UHD Graphics		
	Graphic Memory	Depends on CPU		
Ethernet	Multiple Display	2 independent displays		
	Display Interface	HDMI up to 3840 x 2160 @30Hz DP up to 4096 x 2304 @60Hz		
Audio	Controller	2 x Intel® I226-V 2.5 GbE LAN		
	Controller	Realtek® ALC256 HD Audio Codec		
H/W Monitor	Watchdog Timer	256-level Watchdog Timer		
	Smart Fan	N/A		
TPM	Controller	Infineon SLB9672VU2.0		
	Expansion Slot	M.2	1 x M.2 B key (SATA/PCIe x1), 2242/3042/2280	
		1 x M.2 E key (PCIe x1, USB 2.0), 2230		
I/O Interface	RJ-45	2 x 2.5GbE LAN		
	PoE	N/A		
	Audio	1 x Line-out 1 x Mic-in		
	USB	4 x USB 3.1 2 x USB 2.0		
	Serial	1 x COM port COM1: RS-232/422/485, 0V/5V/12V		
Environment	GPIO	N/A		
	HDMI	1		
	DisplayPort	1		
	Antenna	2 openings reserved for antennas		
	Operating Temperature	0~40 °C		
Power Supply	Operating Humidity	10 ~ 90%, non-condensing		
	Storage Temperature	-20 ~ 80°C		
	Storage Humidity	10 ~ 90%, non-condensing		
Physical Characteristics	DC Input	DC-in 12~24V with Lockable DC Jack		
	Dimensions (W x D x H)	197 x 162.8 x 25 mm		
	Weight	0.91 kg		
Certification	Mounting	Stand/VESA mount (by BOM option)		
	EMC	CE, FCC, RCM, VCCI, BSMI		
Software Platform	Safety	BSMI		
	OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 22H2, Pre-scan) Linux (Support by request)		

* SD card reader X 1

Features

- Intel® Alder Lake-N PC Client Series SoC
- DDR5 4800 MHz SODIMM Slot up to 16GB
- Dual independent displays: DP, HDMI
- 2 2.5 GbE LAN with RJ-45
- 1 M.2 B Key, 1 M.2 E Key Slot
- 4 USB 3.1, 2 USB 2.0, 2 COM (1 RS-485), Audio
- 2 opening reserved for antennas
- DC-IN 12~24V
- Ultra Slim with fanless design

Accessories



Stand
Dimension: 199.8 x 64 x 28 mm
Material: ABS+PC