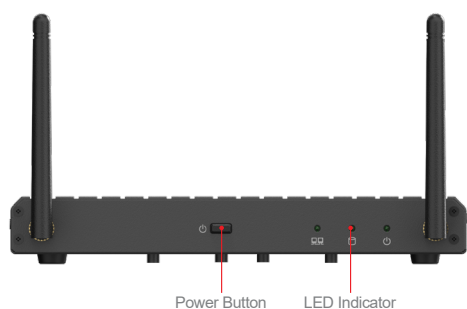
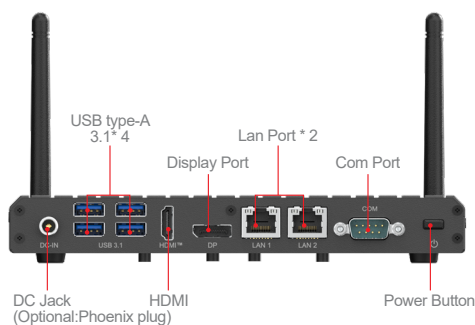


MS-1P17

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

NEW



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), GPIO, Audio
- 2 opening reserved for antennas
- DC-IN 12~24V
- Ultra Slim with fanless design

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, OC, 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		
	Multiple Display	2 independent displays		
Ethernet	Display Interface	HDMI up to 3840 x 2160 @30Hz DP up to 4096 x 2304 @60Hz		
	Controller	2 x Intel® I225-V 2.5 GbE LAN		
Audio	Controller	Realtek® ALC256 HD Audio Codec		
H/W Monitor	Watchdog Timer	256-level Watchdog Timer		
	Smart Fan	N/A		
TPM	Controller	Infineon SLB9672VU2.0		
	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		
	GPIO	8-bit (4*GPIO; 4*GPO), 5V		
	HDMI	1		
	DisplayPort	1		
	Antenna	2 openings reserved for antennas		
Power Supply	DC Input	DC-in 12~24V with Lockable DC Jack		
	Dimensions (W x D x H)	197 x 162.8 x 25 mm		
Physical Characteristics	Weight			
	Mounting	Stand/DIN-rail/VESA mount(by BOM option)		
	Watch Dog Timer	Yes	Yes	Yes
Certification	EMC	CE, FCC, RCM, VCCI, BSMI, UKCA, IC		
	Safety	BSMI		
Software Platform	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		

Accessories

