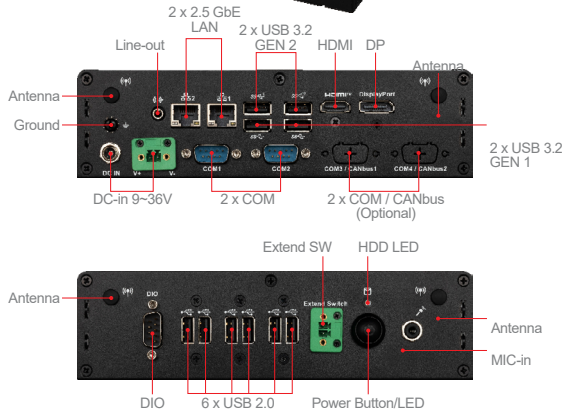


MS-C907

Compact-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
- SATA 3.0 for storage (2.5" SSD/HDD)
- 2 USB 3.2 Gen 2, 2 USB 3.2 Gen 1, 6 USB 2.0, 2 COM (1 RS-485), GPIO, Audio
- 2 COM or 2 CANbus (Option by M.2 Module)
- 4 opening reserved for antennas
- Anti-Vibration & Shockproof Design to Compliance IEC 61373
- Wide Voltage DC-IN 9~36V
- Ultra-Compact with fanless design

Ordering Information

Part Number	Description
936-C907-006	MS-C907706-C907-010826-C907-013 10 STD, Intel Alder Lake-N N97, HDMI, DP, COM*2, USB3.2*4, USB2.0*6, DUAL INTEL 2.5GbE LAN, DIO, MIC-In, Line-out, ROHS, SINGLE, W/O MSI LOGO
936-C907-007	MS-C907706-C907-020826-C907-014 10 OPTA, Intel Alder Lake-N Core i3-N305, HDMI, DP, COM*2, USB3.2*4, USB2.0*6, DUAL INTEL 2.5GbE LAN, DIO, MIC-In, Line-out, ROHS, SINGLE, W/O MSI LOGO
936-C907-008	*MS-C907706-C907-010826-C907-015, 10 STD, Intel Alder Lake-N N97, HDMI, DP, COM*2, USB3.2*4, USB2.0*6, DUAL INTEL 2.5GbE LAN, DIO, MIC-In, Line-out, ROHS, SINGLE, W/ USA POWER CORD, W/O MSI LOGO,
936-C907-009	*MS-C907706-C907-020826-C907-016, 10 OPTA, Intel Alder Lake-N Core i3-N305, HDMI, DP, COM*2, USB3.2*4, USB2.0*6, DUAL INTEL 2.5GbE LAN, DIO, MIC-In, Line-out, ROHS, SINGLE, W/ USA POWER CORD, W/O MSI LOGO,

Packing List

Part Number	Description	Quantity
S93-0401780-S14	Adaptor (19V/65W)	1
K1D-1012115-V03	SATA Cable with Power, 230mm	1
NA1-1020141-SR2	Phoenix Terminal Plugged	2
E22-9A69040-815	Wall Mounting Bracket	2
E24-9B02010-P09	DIN Rail	2
E41-1356002-P65	Screw for DIN Rail	4
E31-0005930-K08	M.2 SSD Heat Spreader	1
E26-C907020-Z36	M.2 SSD Thermal Pad	1
E26-C907020-Z36	M.2 SSD Thermal Pad	1

Specifications

System Processor	CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W	Intel® IOTG Alder Lake-N Core i3-N305, OC, 12W up to 15W
	Frequency	2 GHz, up to 3.6 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 16GB	
Display	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® I225-V 2.5 GbE LAN	
	Controller	Realtek® ALC897 HD Audio Codec	
H/W Monitor	Watchdog Timer	256-level Watchdog Timer	
	Smart Fan	N/A	
TPM Expansion Slot	Controller	Infineon SLB9672VU2.0	
	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	
Storage	SATA	1 x 2.5" HDD/SSD Bay	
	mSATA	N/A	
	CFast	N/A	
	CompactFlash	N/A	
	RJ-45	2	
I/O Interface	PoE	N/A	
	Audio	1 x Line-out 1 x Mic-in	
	USB	6 x USB 2.0 2 x USB 3.2 Gen 2 2 x USB 3.2 Gen 1	
	Serial	4 x COM ports COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232 COM3~4: Option by M.2 Module	
	Parallel	N/A	
	PS/2	N/A	
	GPIO	8-bit (4*GPI; 4*GPO), 5V	
	CANbus	2 (Option by M.2 Module)	
	HDMI	1	
	LVDS	N/A	
	DVI	N/A	
	DisplayPort	1	
VGA	N/A		
Antenna	4 openings reserved for antennas		
Power Supply	DC Input	DC-in 9~36V with Lockable DC Jack Phoenix pluggable connectors with latch (V+, V-)	
	AC Input	N/A	
	IP Rating	N/A	
Environment	Operating Temperature	-10 ~ 40°C -10 ~ 55°C (w/ WT devices) Note: Thermal w/ Airflow:0.7m/s	
	Operating Humidity	10 ~ 90%, non-condensing	
	Storage Temperature	-20 ~ 80°C	
	Storage Humidity	10 ~ 90%, non-condensing	
Form Factor	Vibration	IEC61373 Category 1, Class B	
	Shock	IEC61373 Category 1, Class B	
	Dimensions (W x D x H)	200 x 150 x 55 mm	
Certification	Weight	1.38 kg	
	Mounting	Wall mount (STD)/DIN-rail mount(STD)/VESA mount (by option)	
Software Platform	EMC	CE, FCC, RCM, VCCI, BSMI, UKCA, IC	
	Safety	BSMI	
Optional Item	OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 22H2, Pre-scan) Linux (Support by request)	
	Part Number	Description	
E22-9A95080-C22	VESA Mounting		