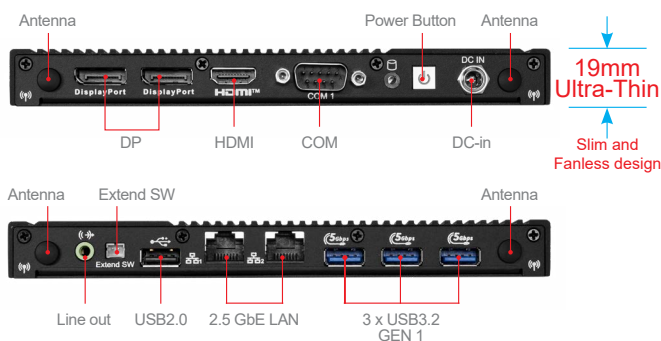




Features

- Intel® Alder Lake-N/Twin Lake PC Client Series SoC
- DDR5 4800 MHz SODIMM Slot up to 16GB
- Triple independent displays: 2 DP, 1 HDMI 2.0
- 2 GbE LAN with RJ-45
- 1 M.2 B key (with NANO SIM-holder) support 5G/LTE, 1 M.2 E key
- 3 USB 3.2 Gen 1, 1 USB 2.0, 1 COM(RS485), Audio
- Onboard TPM 2.0
- Easy access HDD, Memory, SIM Card, M.2 slots
- DC-IN 12~24V
- Ultra-slim, cableless & low power fanless design with thinness 19mm
- Anti-Vibration & Shockproof Design to Compliance IEC 60068-2

Ordering Information

Part Number	Description
936-C92612-001	MS-C92612 VER 10 INTEL ALDER LAKE-N N97, W/O LOGO MSI, BLACK, WITH ADAPTER 19V/65W, WALL MOUNT, VESA MOUNT
936-C92612-002	MS-C92612 VER 10 OPT A INTEL TWIN LAKE N250, W/O LOGO MSI, BLACK, WITH ADAPTER 19V/65W, WALL MOUNT, VESA MOUNT
936-C92612-003	MS-C92612 VER 10 OPT B INTEL TWIN LAKE CORE 3-N355, W/O LOGO MSI, BLACK, WITH ADAPTER 19V/65W, WALL MOUNT, VESA MOUNT
936-C92612-004	MS-C92612 VER 10 OPT C INTEL TWIN LAKE N150, W/O LOGO MSI, BLACK, WITH ADAPTER 19V/65W, WALL MOUNT, VESA MOUNT

Packing List

Part Number	Description	Quantity
S93-0401780-S14	Adaptor 19V/65W	1
E22-9A69040-815	Wall Mount Bracket	2
E22-9A95080-C22	VESA Mount Bracket	1
K1L-3001190-V03	COAXIAL CABLE, 120mm	1
K1L-3001191-V03	COAXIAL CABLE, 140mm	1
K1L-3001192-V03	COAXIAL CABLE, 370mm	1
K1L-3001193-V03	COAXIAL CABLE, 220mm	1
K1L-3001194-V03	COAXIAL CABLE, 110mm	1
K1L-3001195-V03	COAXIAL CABLE, 260mm	1

Specifications

Processor	CPU	Intel® Alder Lake-N Processor N97, QC, 12W Intel® Twin Lake Processor N150, QC, 6W Intel® Twin Lake Core 3-N355, OC, 15W
	Frequency	1.0 GHz, up to 3.9 GHz (Depends on CPU)
	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
	Multiple Display	3 independent displays
Ethernet	Display Interface	HDMI 2.0 up to 4096 x 2304 @60Hz DP up to 4096 x 2304 @60Hz
	Controller	2 x Intel® I226-V 2.5 GbE LAN
Audio	Controller	Realtek® ALC897 HD Audio Codec
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
TPM	Smart Fan	N/A
	Controller	Infineon SLB9672VU2.0
Expansion Slot	PCIe x16	N/A
	PCIe x8	N/A
	PCIe x4	N/A
	PCIe x1	N/A
	PCI	N/A
	M.2	1 x M.2 B key (PCIe x1/SATA, USB 3.2 Gen 2 x 1, USB 2.0, w/NANO SIM-Holder), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230
	Mini-PCIe	N/A
Storage	SATA	1 x 2.5" HDD/SSD
	mSATA	N/A
	CFast	N/A
	CompactFlash	N/A
I/O Interface	RJ-45	2
	PoE	N/A
	Audio	1 x Line-out
	USB	1 x USB 2.0 3 x USB 3.2 Gen 1
	Serial	1 x COM port COM1: RS-232/422/485, 0V/5V/12V
	PS/2	N/A
	GPIO	N/A
	CANbus	N/A
	HDMI	1
	LVDS	N/A
	DVI	N/A
	DisplayPort	2
	Antenna	4 openings reserved for antennas
Power Supply	DC Input	DC-in 12~24V Wide-Range with Lockable DC Jack
	IP Rating	N/A
	Operating Temperature	-10 ~ 50°C Note: Thermal w/ Airflow:0.7m/s
Environment	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
	Vibration	Operating, IEC 60068-2-64: 2 Grms, 5~ 500 Hz, 1hr/axis (w/ SSD)
Form Factor	Shock	Operating, IEC 60068-2-27: 50G, half sine, 11ms (w/ SSD)
	Dimensions (Wx DxH)	180 x 255 x 19 mm
	Weight	1.3 kg
Certification	Mounting	VESA mount Wall mount (STD)
	EMC	CE, FCC, RCM, VCCI, BSMI, UKCA, IC
	Safety	IEC 62368: CE(LVD) / BSMI
Software Platform	OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2, Only for ADL-N) Windows 11 IoT Enterprise LTSC (64-bit, 24H2) Linux (Support by request)