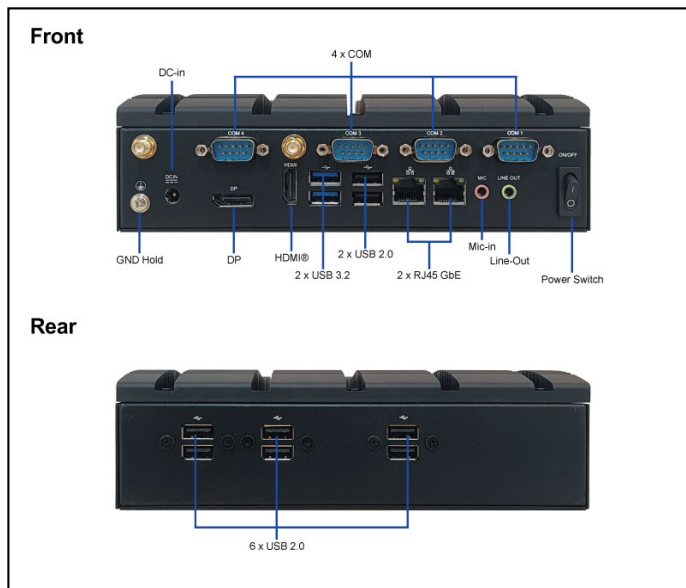


Intel® Processor N-series SoC, DDR5 up to 32GB, support DC 12~19V input



Features

- Onboard Intel® Processor N97 (Intel® Processor N-series, formerly Alder Lake-N)
- Support DDR5 4800MT/s, Max 32GB
- 2 x Realtek® RTL8111H GbE LAN
- Supports 1 x SATA III (6Gb/s)
- 1 x M.2 M-key (2242/2280, PCIe x2 Gen 3 interface)
- 1 x M.2 E-Key (PCIe x1 / USB 2.0, CNVi interface)
- 2 x USB 3.2 Gen 1, 6 x USB 2.0 ports
- 2 x RS-232/485, 2 x RS-232

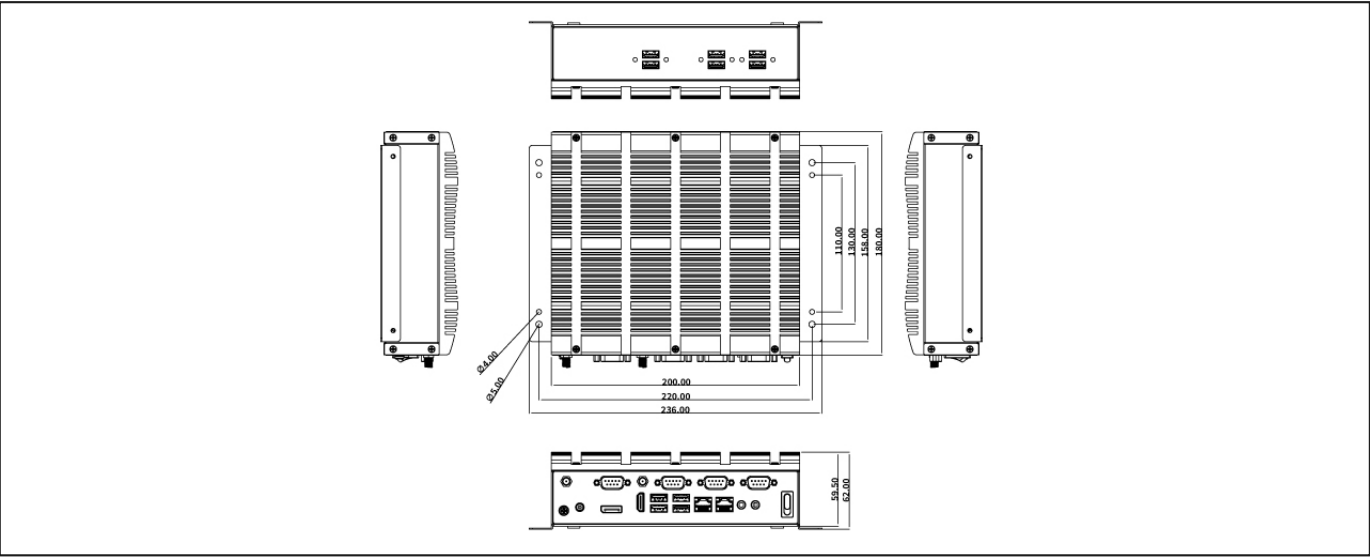
Optional Accessory

PART NUMBER	DESCRIPTION	QTY
----	HBJC903DMTX-9700-N	1
----	Power cord	1
L01AS053-F	Adapter 12V/5A 60W	1
J05-ANT-GX57245-F	Antenna2G4/5G 2.8dBi GX572450001SM	2

Specifications

SYSTEM	
MB FORM FACTOR	Performance
CPU	Onboard Intel® Processor N97 (Formerly Alder Lake-N, TDP 12W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
BIOS	AMI 256Mb Flash ROM
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
SECURITY	Intel® PTT (Integrated fTPM)
RTC BATTERY	Lithium Battery
OS SUPPORT	Windows® 10 (64bit), Windows® 11 (64bit), Linux
POWER	
POWER REQUIREMENT	DC-in 12~19V
POWER ON MODE	AT / ATX (Default) Mode
DISPLAY	
GPU	Intel® HD Graphics
DP	1 x DP 1.2 (Max. Resolution: 4096 x 2160@60Hz)
HDMI®	1 x HDMI® (Max Resolution: 4096 x 2160@60Hz)
MULTIPLE DISPLAY	Support 2 Displays
AUDIO	
CODEC	Realtek ALC897
LAN	
ETHERNET	2 x RJ45 for Realtek® RTL8111H GbE
SYSTEM I/O	
REAR PANEL I/O	2 x USB 3.2 Gen 1 2 x USB 2.0 1 x HDMI® 2.0b 1 x DP 1.2 2 x RS-232/485 2 x RS-232 2 x RJ45 1 x Audio (Line out, MIC Combo) 1 x DC Jack 1 x Grounding screw
FRONT PANEL I/O	1 x Power Button 2 x WIFI Antenna Holes 6 x USB 2.0
STORAGE	
SATA	1 x SATA III (co-lay M-Key 2242)
EXPANSION	
M.2	1 x M-Key 2242/2280 (PCIe Gen 3 x2) 1 x M-key 2242 (SATA interface) by request 1 x E-Key 2230 (USB 2.0/PCIe Gen 3 x1) support CNVi
MECHANICAL	
DIMENSIONS (W x H x D)	200.0 (W) x 180.4 (D) x 59.5 (H) mm (6.0" x 5.41" x 1.78")
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	-10°C ~ 60°C (14°F ~ 140°F)
STORAGE TEMPERATURE	-20°C ~ 70°C (-4°F ~ 158°F)
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	EU RoHS, ErP, China RoHS, REACH (Option)

Dimension Unit: mm



Ordering Information

PART NUMBER	HBJC903MTX-9700-N
CPU	Intel® Processor N97
MEMORY	1 x DDR5 SO-DIMM, up to 32GB
SECURITY	Intel® PTT (fTPM)
POWER REQUIREMENT	DC-in 12-19V
GPU	Intel® HD Graphics
DP	1 x DP
HDMI	2 x HDMI®
MULTIPLE DISPLAY	Support 2 Displays
ETHERNET	2 x GbE
I/O	2 x USB 3.2 Gen 1
I/O	2 x USB 2.0
I/O	2 x RS-232
I/O	2 x RS-232/485
I/O	2 x RJ45
I/O	1 x Audio (Line-out, MIC)
I/O	1 x DC Jack
I/O	2 x WIFI ANT
I/O	1 x Grounding Screw
I/O	1 x Power Button
SATA	1 x SATA III
M.2	1 x M-Key 2242/2280
M.2	1 x E-Key 2230