

AUB-N97

■ Intel® Processor N97 Quad Core 3.6 GHz Fanless Embedded Industrial PC



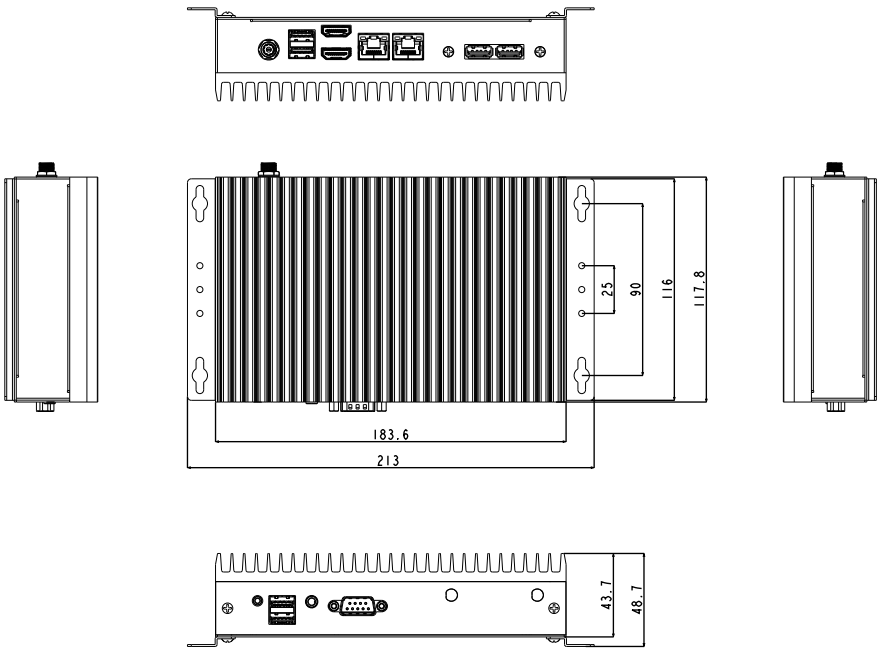
Features

- Onboard Intel® Processor N97 Quad Core 3.6 GHz CPU
- Dual Independent HDMI Port
- Dual Gigabit Ethernet, supports WoL and PXE
- 1 x RS232
- Operating Temperature -20°C ~ 60°C
- Supports Wireless and Bluetooth
- Compact, optimized performance and low power system for mission-critical applications, such as Digital signage, ATM, Kiosk, self-service and automation control

Specifications

System	CPU	Intel® Processor N97 Quad Core Burst 3.6 GHz Processor 6M Cache
	Memory	1 x SO-DIMM DDR5 4800MHz, Max. Capacity 16GB (Non-ECC)
	Watchdog	System Reset. Programmable 1 ~ 255 level
Front and Rear I/O	Video Port	2 x HDMI1.4 (Max. resolution 4096 x 2160 @ 60Hz)
	USB	4 x USB 3.2 Gen2 and 2 x USB 2.0 ports
	Ethernet Port	2 x RJ45 for GbE (Realtek RTL8111H)
	Serial Port	1 x RS-232 (DB9 male type)
	Antenna	2 x SMA-type external antenna (Option)
	Power-On Button	1 x Power button with LED
Expansion Slot	M.2	1 x M.2 E-Key 2230 slot (for WiFi+BT full function)
Storage	SATA	1 x SATA 6Gb/s
	M.2	1 x M.2 M-Key 2280 slot (PCIe Gen3x1, SATA 6Gb/s)
Power	DC input	12V-19V (connector type DC-Jack)
Mechanical	Dimensions	183.6(W) x 117.8(D) x 43.7(H) mm (without wall-mount bracket)
Certification	EMC	CE / FCC Class A, according to EN 55032 & EN 55035
Environmental	Operating Temp	-20 ~ 60°C, with Wide Temp. SSD, ambient w/ air flow 0.2~0.6m/s
	Storage Temp	-40 ~ 80°C
	Relative Humidity	5 ~ 95% @ 40°C (non-condensing)
	Vibration	With M.2/SSD: Random: 2Grms @ 5~500 Hz, IEC60068-2-64 With M.2/SSD: Sinusoidal: 2Grms @ 5~500 Hz, IEC60068-2-6 With M.2/SSD: 50G, half sine, 11ms,
	Shock	IEC60068-2-27
Software	Operating System	Windows 10 LTSC 2021 64bit, Windows 11 64bit; Linux Ubuntu 22.04

Dimensions



Front Panel External I/O



Rear Panel External I/O



Ordering Information

Part Number	Description
AUB-N97	Intel® Processor N97 Fanless Embedded Computer

Packing List

Part Number	Description
AUB-N97	1 x AUB-N97 unit
	1 x SATA 6G CABLE
	1 x SATA Power CABLE
	1 x Wall Mount Bracket
	4 x Screw for SSD

Optional Items

Part Number	Description
96PSA-A60W12W7-3	Adapter 60W 12V Lockable DC Plug
WF5K-M2-237ACN	WIFI5 Kit M.2 Type (includde 2 x RF cable, 2 x Dipole Antennas)
WF6K-M2-238AX	WIFI6 Kit M.2 Type (includde 2 x RF cable, 2 x Dipole Antennas)