

AUE-1003



Intel® Core™ i9/i7/i5/i3 Processor Embedded Fanless Computer



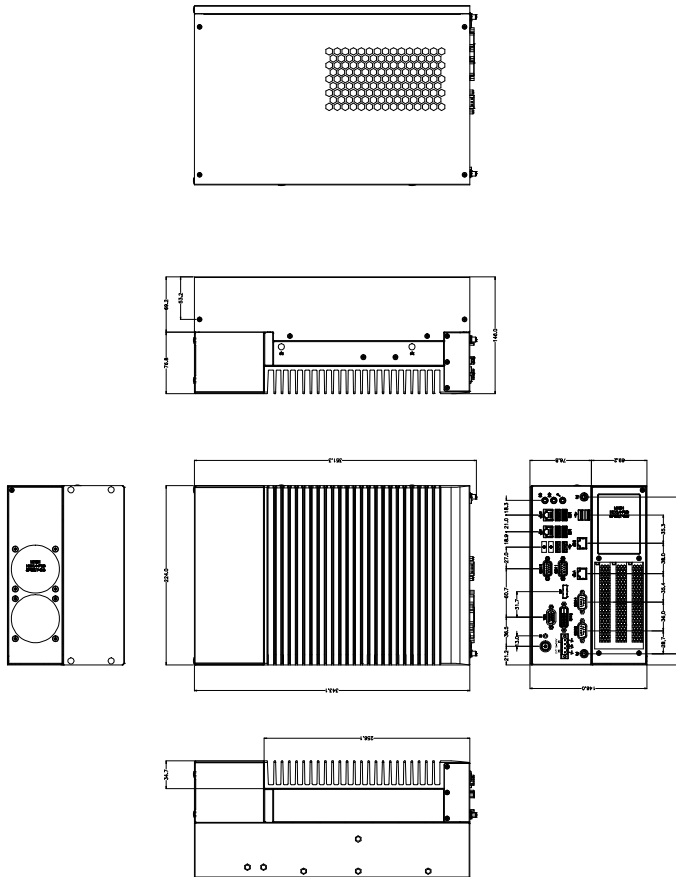
Features

- 10th generation Intel® Core™ i9/i7/i5/i3 desktop processor
- 2 x SO-DIMM DDR4 up to 64GB
- Triple independent VGA, DVI-D and DP Port
- 4 x Gigabit Ethernet, supports WoL and PXE
- 2 x RS-232/422/485, 2 x RS232
- Rich storage up to 4 internal 2.5" SSD/HDD
- High performance system for Machine Vision, Factory Automation, Surveillance System and Healthcare System

Specifications

System	CPU	Support for 10th Generation Intel® Core i9/i7/i5/i3, Pentium® and Celeron® processors in LGA1200 package, TDP under 65W
	Chipset	Intel® Q470E
	Memory	2 x SO-DIMM DDR4 3200MHz, Max. Capacity 64GB (Non-ECC)
Front and Rear I/O	Video Port	1 x VGA (Max. resolution 1920 x 1200 @ 60Hz) 1 x DVI-D (Max. resolution 1920 x 1080 @ 60Hz) 1 x DP 1.2 (Max. resolution 4096 x 2160 @ 60Hz)
	USB	4 x USB 3.2 Gen1 and 6 x USB 2.0 ports
	Ethernet Port	4 x RJ45 for GbE (3 x Intel I211AT and I219V)
	Serial Port	2 x RS-232/422/485, 2 x RS-232 (DB9 male type)
	Audio	3 x Audio Jack (Line in, Line out and Mic in)
	Antenna	4 x SMA-type external antenna (Option)
	Power-On Button	1 x power button with power LED
	HDD LED	1 x HDD LED
Expansion Slot	Mini-PCIe	1 x full size Mini PCIe with Nano-SIM holder (PCIe x1, USB 2.0)
	M.2	1 x M.2 E-Key 2230 slot (for WiFi+BT full function)
Riser Card	PCIe	PCIe x16 (Gen3 x16/x8)--Auto Switch PCIe x16 (Gen3 0/x8) PCIe x4 (Gen3 x4)
	SATA	4 x SATA 6Gb/s (support Intel RAID 0/1/5/10)
	M.2	1 x M.2 M-Key 2280 slot (PCIe x4, SATA 6Gb/s)
Power	DC input	24V-48V (4 pin Terminal Block)
Mechanical	Dimensions	224.0(W) x 343.1(D) x 146.0 (H) mm
Certification	EMC	CE / FCC Class A, according to EN 55032 & EN 55035
Environmental	Operating Temp	-20 ~ 50°C, CPU TDP 65W -20 ~ 60°C, CPU TDP 35W
	Storage Temp	-40 ~ 85°C
	Relative Humidity	0~ 90% (non-condensing)
	Vibration	With M.2/SSD: Random: 3Grms @ 5~500 Hz, IEC60068-2-64 With M.2/SSD: Sinusoidal: 2Grms @ 10~500 Hz, IEC60068-2-6
	Shock	With M.2/SSD: 50G, half sine, 11ms, IEC60068-2-27
Software	Operating System	Windows 10/11 64bit; Linux Ubuntu 20.04

Dimensions



Front Panel External I/O



Ordering Information

Part Number	Description
AUE-1003-i9E-G0	Intel® Core™ i9-10900E 20M Cache 2.80 GHz to 4.70 GHz 65W Fanless Embedded Computer
AUE-1003-i9TE-G0	Intel® Core™ i9-10900TE 20M Cache 1.80 GHz to 4.60 GHz 35W Fanless Embedded Computer
AUE-1003-i7E-G0	Intel® Core™ i7-10700E 16M Cache 2.90 GHz to 4.50 GHz 65W Fanless Embedded Computer
AUE-1003-i7TE-G0	Intel® Core™ i7-10700TE 16M Cache 2.00 GHz to 4.50 GHz 35W Fanless Embedded Computer
AUE-1003-i5E-G0	Intel® Core™ i5-10500E 12M Cache 3.10 GHz to 4.20 GHz 65W Fanless Embedded Computer
AUE-1003-i5TE-G0	Intel® Core™ i5-10500TE 12M Cache 2.30 GHz to 3.70 GHz 35W Fanless Embedded Computer
AUE-1003-i3E-G0	Intel® Core™ i3-10100E 6M Cache 3.20 GHz to 3.80 GHz 65W Fanless Embedded Computer
AUE-1003-i3TE-G0	Intel® Core™ i3-10100TE 6M Cache 2.30 GHz to 3.60 GHz 35W Fanless Embedded Computer