AIMC-2000

Front Access Fan-less Micro Computer, Intel® Celeron® J1900 SoC with VGA/HDMI, 6 COMs, 8 USBs



Features

- Intel® Baytrail Platform
  - Intel® Celeron® J1900 SoC
  - Fanless Design
- Compact & Rich I/O Configuration
  - One internal 2.5" SATA HDD bay & one mSATA slot for storage
  - VGA , HDMI, 2 GbE LAN, 7 USB 2.0, 1 USB 3.0, 5 RS-232, 1 RS-232/422/485
  - One mini PCIe expansion to support full size module
  - Line in , Line out with 6W amplifier
- Energy Savings
  - DC 12V power input

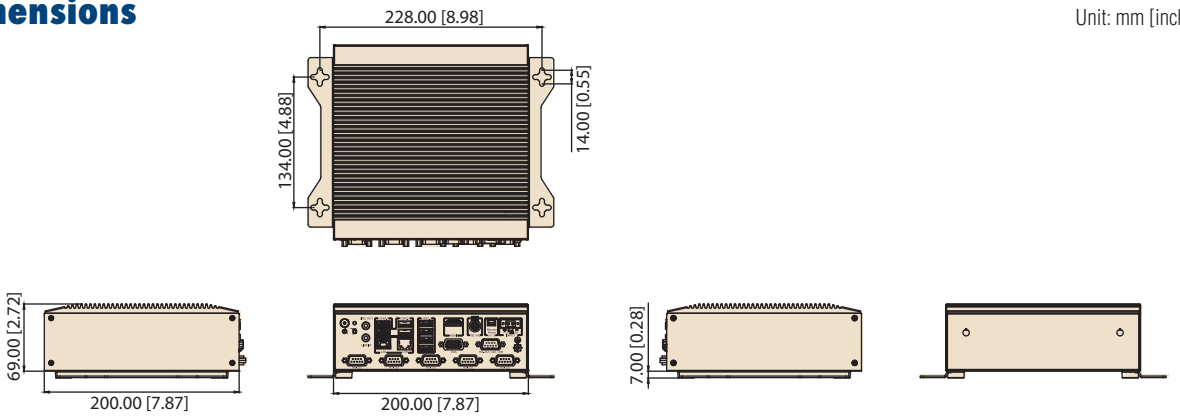
Specifications

Processor System	CPU	Intel J1900	
	Core	4	
	Base Frequency	2.0 GHz	
	L2 Cache	2 MB	
	BIOS	AMI 64Mb SPI Flash	
Memory	Technology	Dual Channel DDR3L 1333/1066 MHz (Non ECC)	
	Max. Capacity	8 GB (4 GB per SO-DIMM)	
	Socket	2 x 204-pin SODIMM	
Graphics	Chipset Integrated	Integrated Intel HD Graphics	
Expansion slot	mini PCIe	1, full size	
Ethernet	Interface	10/100/1000 Mbps	
	Controller	2 x Realtek 8119I	
Drive bay	2.5" HDD (internal)	1	
	mSATA	1	
I/O Interface	Display	VGA , HDMI	
	USB	7 USB 2.0, 1 USB 3.0	
	Serial	1 RS-232/422/485, 5 RS-232	
	PS/2	1, KB/MS	
	Audio	Line in, Line out with 6W amplifier	
	DC jack	1, Phoenix 2 pin	
Power Supply	Connector Type	Phoenix 2 pin connector	
	Input Voltage	DC 12V	
	Power consumption	Typical: 8.27W Max: 16.39W	
Miscellaneous	LED Indicators	HDD	
	Control	Power on/off switch	
Environment		Operating	Non-operating
	Temperature	-20 ~ 60° C (mSATA); 0 ~40° C (HDD)	-40 ~ 85° C
	Humidity	95% @ 40° C, non-condensing	95% @ 60° C, non-condensing
	Vibration	1Grms, random, 5~500Hz, 3 axes, 1 hr/axis (HDD) 3Grms,random,5-500Hz,3 axes,1hr/axis (mSATA)	2G, sine, 5~500Hz, 3 axes, 1 hr/axis (HDD)
	Shock	10G, half sine wave, 11 ms duration (HDD) 30G,half-sine wave,11ms duration (mSATA)	
	EMC	CE/FCC, CCC, BSMI	
	Safety	CCC, UL, BSMI	
Physical Characteristics	Dimension (W x H x D)	200 x 69 x 200 mm	
	Weight	1.8 kg (3.97 lbs)	

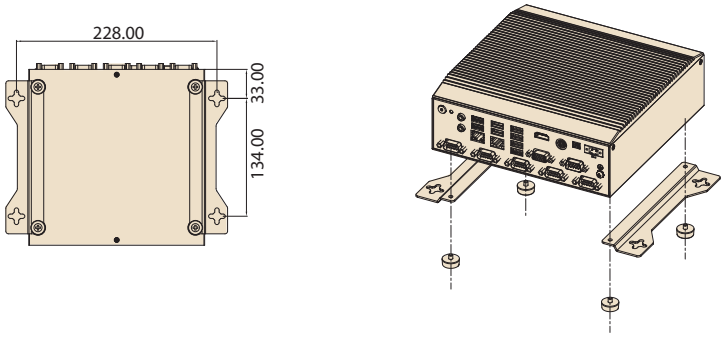
All product specifications are subject to change without notice.

Dimensions

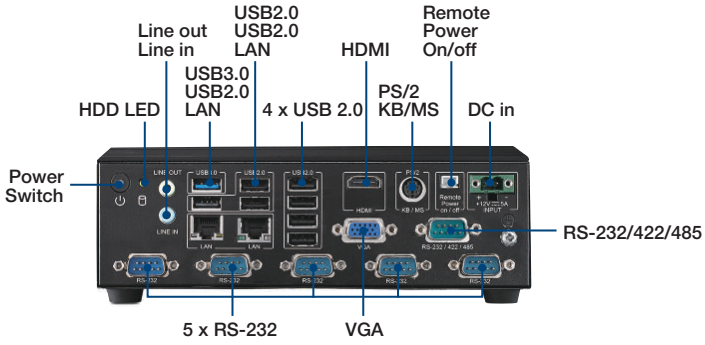
Unit: mm [inch]



Installation



Front View



Ordering Information

Part No.	CPU	VGA	HDMI	SO-DIMM	USB 3.0/2.0	GbE	COM	Mini PCIe
AIMC-2000J-00A2	J1900	1	1	2	1/7	2	1 x RS-232/422/485 5 x RS-232	1 x full size

Optional Accessories

Part Number	Description
96PSA-A60W12P2-3	Apater A/D 100-240V 60W 12V TERMINAL BLOCK 2PIN

Embedded OS

Part Number	Description
2070014040	WES7P x64 10MUI
2070014102	WES7P x86 10MUI
20706WX9ES0128	WIN10 19EL x64 1809 ENG
2070014613	Ubuntu 12.04