

AIS-E2-CV1

Advanced Mini-ITX System Controller With Intel® Core™ i7/i5/i3 Processor

Front View



Rear View



Features

- Mini-ITX Based Chassis
- Intel® Atom™ D2550 B3 Processor
- Intel® ICH10R Chipset
- 204-pin Dual-Channel DDR3 1066MHz SODIMM x 2, Up to 4GB
- Intel® Integrated Graphics Engine supports Dual View by VGA, DVI
- Realtek RTL 8111E Gigabit Ethernet x 2
- 2.5" HDD/SSD Bay x 2
- USB 2.0 x 6, COM Port x 2 (Up to 5 COM Port via Expanded DB9 Holes and Expansion Slot)
- Mini-PCIe Socket x 1
- Dimension: 195mm(W) x 70mm(H) x 220mm(D)



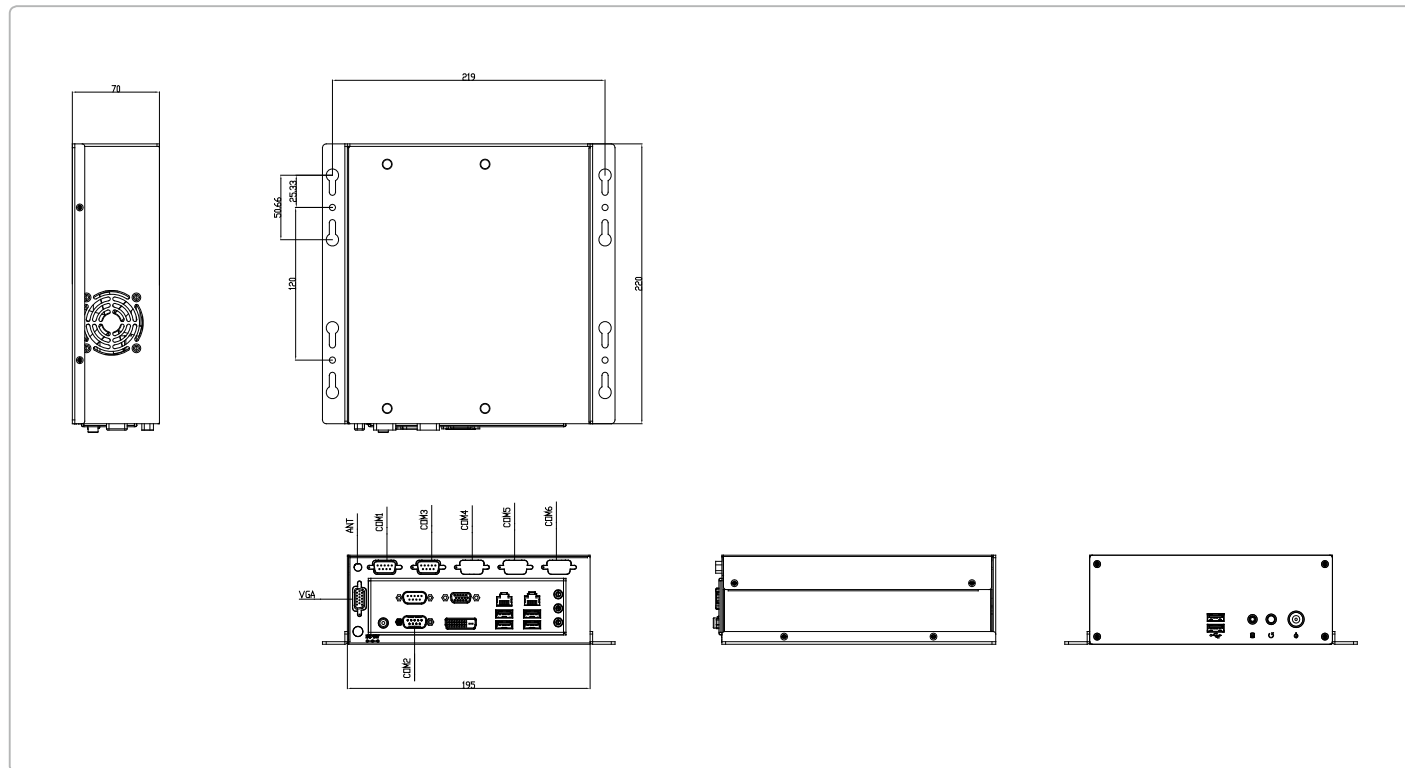
Specifications

CPU	Intel® Atom D2550	
Chipset	Intel® ICH10R	
System Memory	DDR3 1066MHz SDRAM SODIMM x 2, Up to 4GB	
Display Interface	VGA	VGA x 1
	DVI	DVI-D- x 1
	Others	—
Storage Device	SSD	—
	HDD	2.5" HDD x 2
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	Optional by Mini card
Front I/O	USB Host	USB 2.0 x 2
	Serial port	—
	DIO	—
	Audio	—
	KB/MS	—
Others	Power Button x 1, Reset Button x 1, HDD LED x 1	
Rear I/O	USB Host	USB 2.0 x 4
	Serial port	RS-232/422/485 x 1, RS-232 x 5 (optional)
	DIO	—
	Audio	Mic-in, Line-in, Line-out
	KB/MS	KB/MS x 1
Others	Power input x 1	
Expansion	PCI-E[x1]	—
	PCI	—
	Mini card	Mini Card x 1
	Mini PCI	—
Others	PCI-E[x4] x1(optional)	
Indicator	Front	PWR, HDD
	Rear	—
Power Requirement	12V DC-in	
Power Consumption	Intel® Atom™ D2550 B3 Processor, DDR3 1066 2GB 1.25A@12V	
System Cooling	CPU Cooler x 1 System Cooler x 1	
Mounting	Wallmount	
Operating temperature	32°F ~ 113°F(0°C ~ 45°C)	
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)	
Anti-Vibration	0.5 g rms / 5 ~ 500Hz / operation – HDD	
	3.5 g rms / 5 ~ 500Hz / operation – SSD	
Anti-Shock	10G peak acceleration (11 msec. duration) – HDD	
	20G peak acceleration (11 msec. duration) – SSD	
MTBF (Hours)	178,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	7.68"(W) x 2.76"(H) x 8.66"(D) (195mm x 70mm x 220mm)	
Gross Weight	11.01 lb (5.0 kg)	

AIS-E2-CV1

Dimension

Unit: mm



Ordering Information

Part Number	Chipset	RAM	Cooler	Storage	Display	LAN	USB	RS-232	RS-232/422/485	KB/MS	Audio	DIO	Expansion Slot	Mounting	Power
AIS-E2-CV1-001	Intel® ICH10R	SODIMM	Fan	2.5" HDD Bay x 2	VGA, DVI	GbE x 2	USB2.0 x 6	1	1	1	Mic-In Line-In Line-out	—	Mini-Pcie x 1	Desktop	DC 12V

Packing List

- **1701100503**
(TF)Flat Cable, DB-9P(M), 10P 2.00mm Housing W/ Nose, 50cm, For AIS-E1
- **1757908403**
(TF)Adaptor, AC,100/240V, 12V/7A, 84W, FSP, FSP084-DMAA1 P/N:9NA084040X
- **1709070207**
(TF)SATA CABLE, 7P to 7P SATA 1.27mm W/Lock 180D, 20cm, 26AWG
- **1702150207**
(TF)Power Cable, 15P SATA(F), 4P 2.54mm Housing(F), 20cm, for AIS-E1
- **1990666615**
(TF)Rubber Foot, Black, PINGOOD, R1904
- **Product DVD**
- **AIS-E2-CV1**

Optional Accessories

- **1701100503**
(TF)Flat Cable, DB-9P(M), 10P 2.00mm Housing W/ Nose, 50cm, For AIS-E1
- **1709070207**
(TF)SATA CABLE, 7P to 7P SATA 1.27mm W/Lock 180D, 20cm, 26AWG
- **1702150207**
(TF)Power Cable, 15P SATA(F), 4P 2.54mm Housing(F), 20cm, for AIS-E1