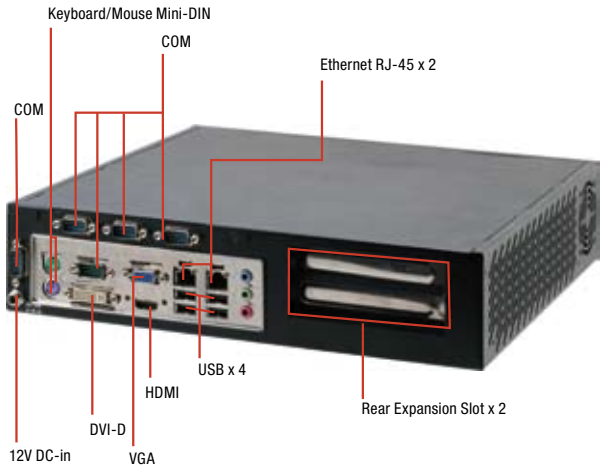
AIS-E1

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

Front View

Rear View



Features

- **Mini-ITX Based Chassis with Scalable Expansion Slots**
- **Socket G2 (rPGA988B) 2nd Generation for Intel® Core™ i7/ i5/ Celeron® QC/DC Processor, Max. 45W**
- **204-pin Dual Channel DDR3 1066/1333/1600 MHz SODIMM x 2 up to 16G**
- **Intel® Integrated Graphics Engine Supports Dual View by VGA, DVI, HDMI**
- **LAN 1 : Intel® 82579 PHY Gigabit Ethernet**
- **LAN 2 : Realtek RTL 8111E Gigabit Ethernet**
- **Up to 2.5" HDD/SSD x 4 or up to 2.5" HDD/SSD x 2 and 3.5" HDD/SSD x 1, Support RAID 0,1,5,10**
- **USB 2.0 x 6, COM x 1 (up to 6 COM Port Via Expanded DB9 Holes and Expansion Slot)**
- **Mini-PCIe socket x 1, CFast™ x 1 (Optional PCI-E [x4] Riser Card x 1)**
- **Dimension: 315mm(W) x 70mm(H) x 300mm(D)**

DDR 3 · 1000 Giga LAN · USB 2.0 · CE FC

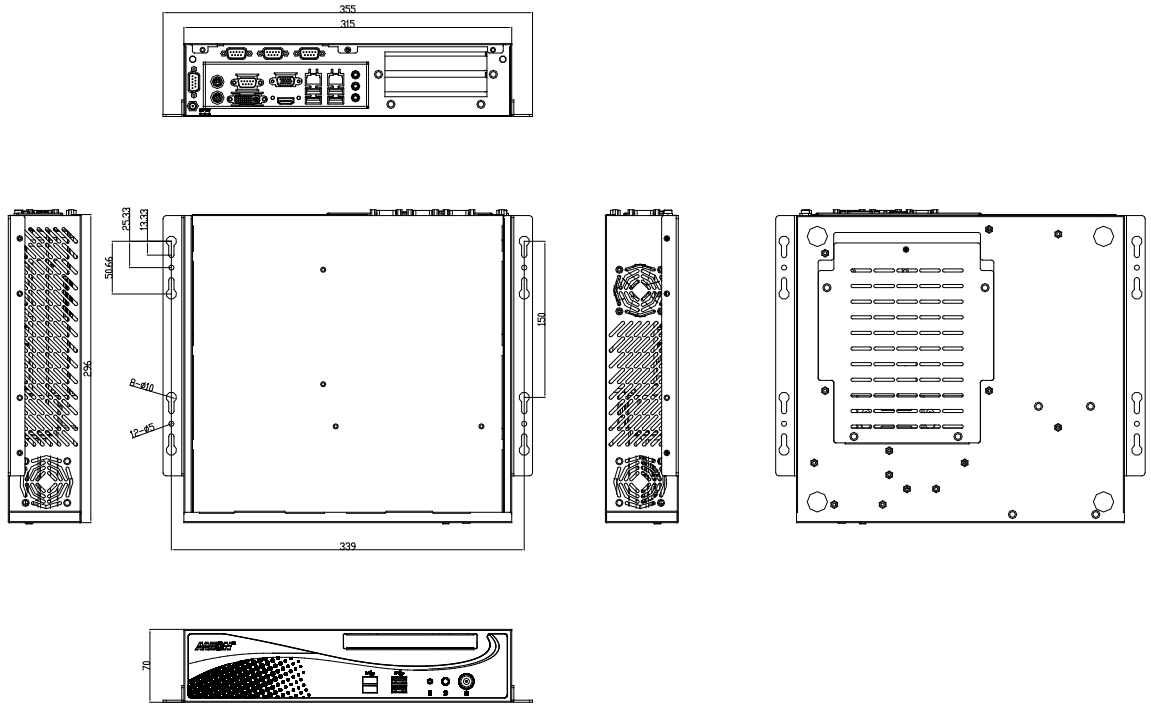
Specifications

CPU		Socket G2 (rPGA988B) 2nd Generation for Intel® Core™ i7/ i5/ Celeron® QC/ DC processors up to 45W Max
Chipset		Intel® QM67
System Memory		204-pin Dual Channel DDR3 1066/1333/1600 MHz SODIMM x2, up to 16GB
Display Interface	VGA	DB-15 x 1
	DVI	DVI-D x 1
	Others	HDMI x 1
Storage Device	SSD	CFast™ x 1
	HDD	2.5" SATA HDD bay x 4
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini Card
Front I/O	USB Host	USB2.0 x 2
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Switch x 1
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232/422/485 x 1
	DIO	—
	Audio	Mic-in, Line-in, Line-out
	KB/MS	KB/MS x 2
	Others	Power input x 1
Expansion	PCIe	—
	PCI	—
	Mini Card	Mini Card x 1
	Mini PCI	—
	Others	PCIe [x4] x 1 (optional)
Indicator	Front	PWR, HDD
	Rear	—
Power Requirement		12V DC-in
Power Consumption		—
System Cooling		CPU cooler x 1 System Cooler x 1
Mounting		Wall Mount
Operating temperature		32°F ~ 113°F (0°C ~ 45°C)
Storage Temperature		-40°F ~ 176°F (-40°C ~ 80°C)
Anti-Vibration		0.5g rms/ 5 ~ 500Hz/ operation – HDD type 3.5g rms/ 5~ 500Hz/ operation – SSD
Anti-Shock		10 G peak acceleration (11 msec. duration) – HDD 20 G peak acceleration (11 msec. duration) – SSD
MTBF (Hours)		54,000
Certification	EMC	CE/ FCC class A
	Safety	—
Dimension (W x H x D)		12.4" x 2.76" x 11.81" (315mm x 70mm x 300mm)
Gross Weight		—

AIS-E1

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-E1-QM67-001	Intel® QM67	SODIMM	Fan	2.5" HDD Bay x 4 CFast™ x 1	VGA + DVI	GbE x 2	USB 2.0 x 6	—	1	Yes	Mic-in, Line-in, Line-out	—	Mini-PCIe x 1 2 Slots	Desktop	DC 12V

Packing List

- **9761E10000**
  Gift Box (84W Power Adapter, Wallmount Kit, CPU Cooler)
- **Product DVD**
- **AIS-E1**

Optional Accessories

- **9697R27X12-D**
  Riser Card/ (TF)ASS'Y, PER-R27X, Rev. A1.0_0_0, FOR AIS-E1(PCIE x 4 conn.)