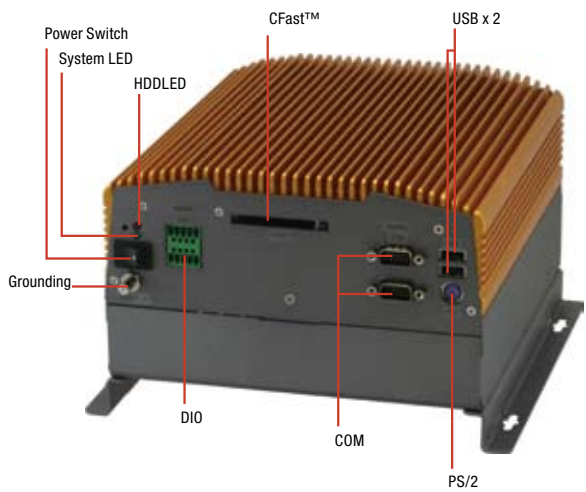
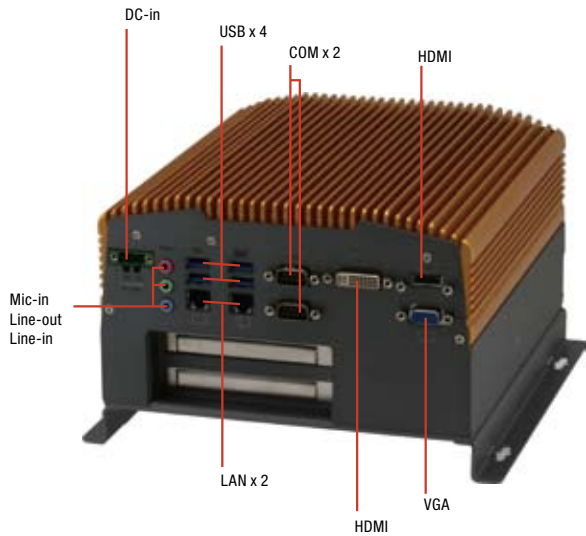


Advanced Fanless Embedded Controller With Intel® 2nd Generation Core™ i Series Processors And PCI-Express Expansion



Features

- Intel® 2nd Generation Core™ i Processors (≤35 TDP, Turbo-Boost Disable)
- Intel® QM67 Chipset
- Dual-Channel SODIMM DDR3 1066/1333/1600 Memory, Max. 16GB(Support DDR3-L in Intel® Core™ i7/i5)
- Dual Gigabit Ethernet:
LAN 1 : Intel® 82579 PHY Gigabit Ethernet
LAN 2 : Realtek RTL 8111E Gigabit Ethernet
- Intel® Integrated Graphics Engine Supports Dual View by VGA, DVI, HDMI, LVDS
- High Definition Audio Interface
- SATA 3.0 x 2 (Support RAID 0, 1, 5, 10), USB2.0 x 8
- COM x 6 (2.5KV Isolation x 2), 2.5KV Isolated DIO x 1
- Mini Card Slot x 2, CFAST™ x 1
- PCI-Express[x4] x 1, PCI x 1, TPM x 1 Module (Optional)
- Wide Temperature Support with Low-Power CPU



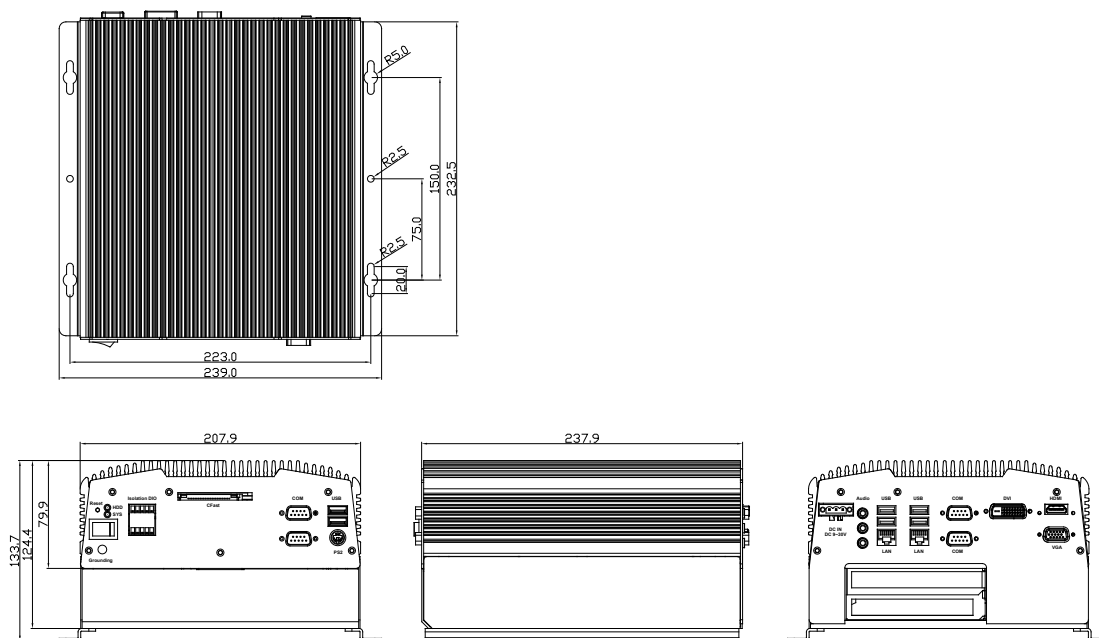
Specifications

CPU		Intel® 2nd generation Core™ i Series Processors (≤35W TDP Turbo-Boost Disable)
Chipset		Intel® QM67 or Intel® QM77
System Memory		DDR3 SODIMM x 2, support DDR3 1066/1333, Max. 16GB
Display Interface	VGA	DB-15 x 1, shared system memory above 512MB/ DVM T 5.0
	DVI	DVI-D x 1 (optional 2nd DVI), support 1920 x 1200 @ 60 Hz
	HDMI	HDMI x 1, support 1920 x 1200 @ 60 Hz
	Others	Dual-channel 24-bit LVDS (optional extension kit)
Storage Device	SSD	CFast™ slot
	HDD	SATA 6.0Gb/s x 2 (SATA 0, 2), SATA 3.0Gb/s x 2 (SATA 2, 3),Support RAID 0,1,5,10
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini-card
Front I/O	USB Port	USB2.0 x 2
	LAN	—
	Serial Port	RS-232 x 1 , RS-232/422/485 x 1, both support optional 2.5KV Isolation optional extra RS-232 x 6
	DIO	8-bit programmable ,optional 2.5KV Isolation protection
	Audio	—
	KB/MS	PS/2 x 1
	Others	Power button x 1, Reset button x 1
Rear I/O	USB Port	USB2.0 x 4
	LAN	RJ-45 X 2
	Serial Port	RS-232 X 2
	DIO	—
	Audio	Mic-in, Line-in, Line-out
	KB/MS	—
	Others	Power input x 1
Expansion	PCIe [x4]	2 (optional)
	PCI	2 (optional, limited 2.1A@12V)
	Mini Card	2 (optional)
	Mini PCI	—
	Others	SIM x 1 (optional)
Indicator	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement		DC-in 9~30V input, optional 100~240V
Power Consumption		—

AEC-6967

Dimension

Unit: mm



System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	Without Airflow, with Wide-temp storage & RAM	Ambient with Airflow, with Wide-temp storage & RAM
	32°F ~ 131°F (0°C ~ 55°C) -35W TDP CPU	32°F ~ 149°F (0°C ~ 65°C) -35W TDP CPU
Storage Temperature	32°F ~ 149°F (0°C ~ 65°C) -35W TDP CPU, not include Riser Card	32°F ~ 167°F (0°C ~ 75°C) -35W TDP CPU, not include Riser Card
	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	5 g rms/ 5 ~ 500Hz/ operation – CFD 1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD	
MTBF	—	
Certification	EMC	CE /FCC CLASS A
	Safety	—
Dimension (W x H x D)	8.19" x 4.02" x 9.37" (208mm x 102mm x 238mm)	
Gross Weight	—	
Note	Windows® XP Embedded, Windows® XP, Windows® 7, Linux Fedora 10 Support	

Ordering Information

- **TF-AEC-6967-A1-1010**
Embedded Controller, Intel® Core™ i5-2310E 2.1GHz, 4 GB RAM, 6 USB, 6 COM, DVI, HDMI, VGA, DIO, DC 9~30V
- **TF-AEC-6967-B1-1010**
Embedded Controller, Intel® Celeron® 810E 1.6GHz, 4 GB RAM, 6 USB, 6 COM, DVI, HDMI, VGA, DIO, DC 9~30V

Optional Accessories

- **1757912001**
Power Adapter (120W), Output: DC 19V
- **1757908400**
Power Adapter (84W), Output: DC 12V
- **1702031830**
Power Cord (US Type)
- **1702031831**
Power Cord (European Type)
- **1702031810**
Power Cord (Japanese Type)