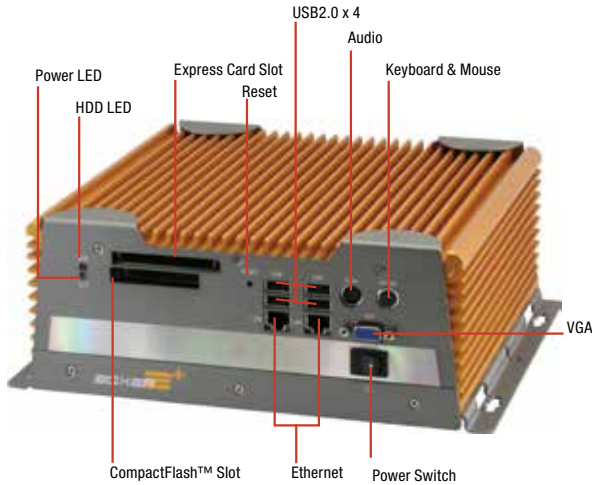


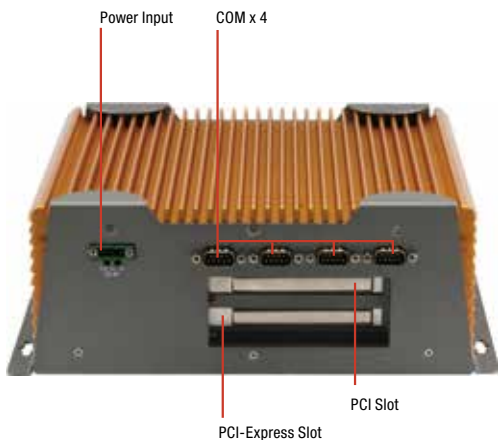
AEC-6940

Advanced Fanless Embedded Controller With Intel® Core™ 2 Duo Processor and PCI-Express Expansion

Front View



Rear View



Features

- Fanless Design
- Intel® Core™ 2 Duo Processor
- PCI-Express [x 16] x 1, PCI-Express [x1] x 1
- Wide DC Power Input Range
- Gigabit Ethernet x 2
- COM x 4, USB x 4
- Express Card x 1
- Mini Card x 1
- ATX Power Function



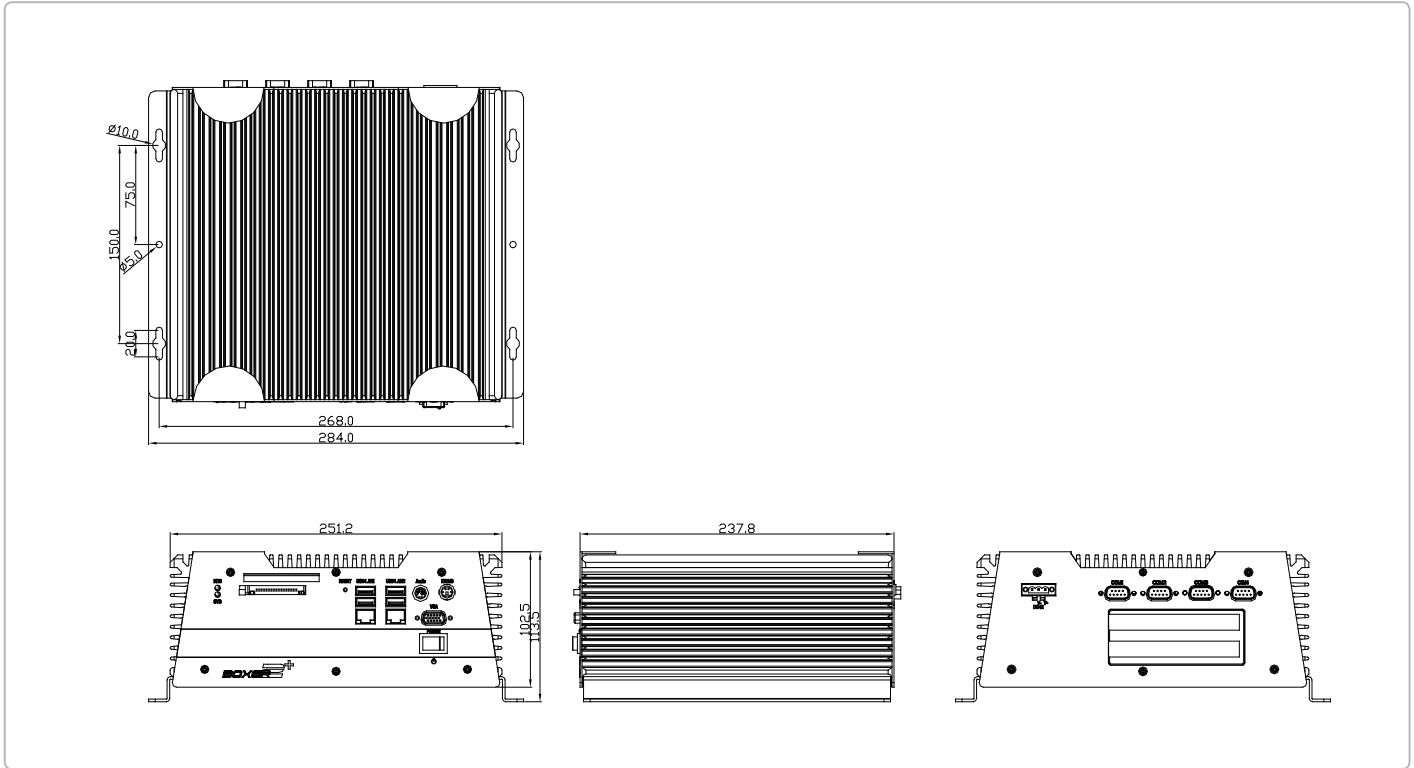
Specifications

CPU	Intel® Core™ 2 Duo Processor	
Chipset	Intel® GM45 + ICH9M	
System Memory	204-pin DDR3 SODIMM x 2, up to 4GB	
Display Interface	VGA	DB-15, shared system memory up to 512MB/ DVMT 5.0
	DVI	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1
	HDD	SATA 3.0Gb/s HDD bay x 1
Network	LAN	Gigabit Ethernet
	Wireless	—
Front I/O	USB Port	4
	LAN	RJ-45 x 2
	Serial Port	—
	DIO	—
	Audio	Line-in/ Line-out/ Mic-in, requires an extension cable
	KB/MS	PS/2
	Others	Power button x 1, Express Card socket x 1, Reset button x 1, SYS LED x 1, HDD LED x 1, CompactFlash™ slot x 1
Rear I/O	USB Port	—
	LAN	—
	Serial Port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	—
	KB/MS	—
Expansion	Others	Power inlet x 1
	PCIe [x1]	1 (version A), PCIe [x 16] x 1 (A/B version)
	PCI	1 (version B)
	Mini Card	1
	Mini PCI	—
Indicator	Others	Express Card socket x 1
	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement	DC 9-30V	
Power Consumption	DC 19W/ 2.84A	
System Cooling	Passive cooling	
Mounting	Wallmount	
Operating Temperature	No Airflow	Ambient with Airflow
	32°F ~ 131°F (0°C ~ 55°C) Wide Temperature CFD with WT RAM x 2	5°F ~ 149°F (-15°C ~ 65°C) Wide Temperature CFD with WT RAM x 2
Storage Temperature	-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	
MTBF	37,000	
Certification	EMC	CE/FCC class B
	Safety	—
Dimension (W x H x D)	9.9" (W) x 4" (H) x 9.4" (D) (251.2mm x 102.5mm x 237.8mm)	
Gross Weight	15.4 lb (7 Kg)	

AEC-6940

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6940-A1-1110	T9400-2.53GHz	2GB	2	4	3	1	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI [x1] x 1 PCIe [x16] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6940-A2-1110	T8400-2.26GHz	2GB	2	4	3	1	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI [x1] x 1 PCIe [x16] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6940-A4-1110	T3100-1.90GHz	2GB	2	4	3	1	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI [x1] x 1 PCIe [x16] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6940-B1-1110	T9400-2.53GHz	2GB	2	4	3	1	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI x 1 PCIe [x1] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6940-B2-1110	T8400-2.26GHz	2GB	2	4	3	1	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI x 1 PCIe [x1] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6940-B4-1110	T3100-1.90GHz	2GB	2	4	3	2	CFast™ Kit x 1 HDD Kit x 1	VGA x 1	PCI x 1 PCIe [x1] x 1 Mini Card x 1	Wallmount	9-30V	-15°C ~ 55°C (w/o air)

Packing List

- Phoenix Power Connector x 1
- Wallmount Bracket x 2
- Audio Cable x 1
- Screw Package x 1
- PS/2 Expansion Cable for Keyboard and Mouse x 1
- SATA Cable x 1
- SATA Power Cable x 1
- Product DVD
- AEC-6940

Optional Accessories

- **1757912001**
AC Adapter (120W); Output: DC 19V
- **1702031830**
Power Cord (US Type)
- **1702031831**
Power Cord (European Type)
- **170031810**
Power Cord (Japanese Type)
- **9741694007**
Dual 2.5" SATA HDD Kit
- **9741694008**
3.5" SATA HDD Kit
- **9741694009**
Slim DVD-RW + SATA 2.5" HDD Kit