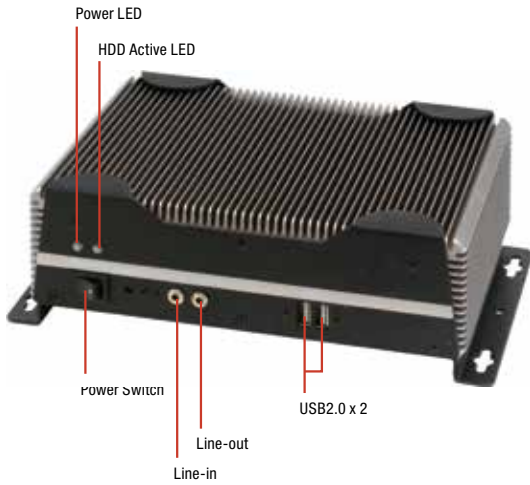


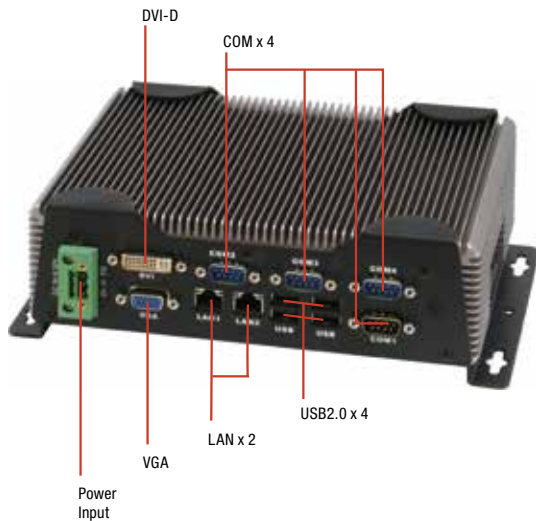
AEC-6625

Fanless Embedded Controller with Intel® Dual Core™ Processors and Intel® QM57 Chipset

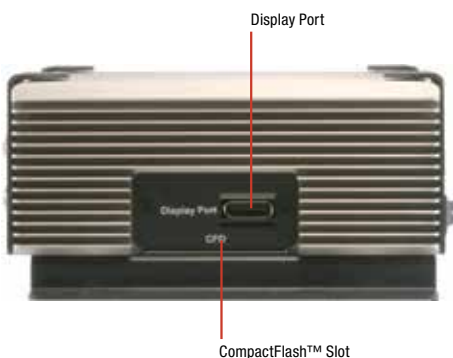
Front View



Rear View



Side View



Features

- Intel® QM57 Chipset
- Supports DVI-D x 1, VGA x 1
- Up to COM x 4
- Up to USB x 6
- Fanless Operation
- Gigabit Ethernet x 2
- SATA Hard Disk Drive Bay
- ATX/ ACPI Power Mode
- PCI-104 Expansion (Optional)



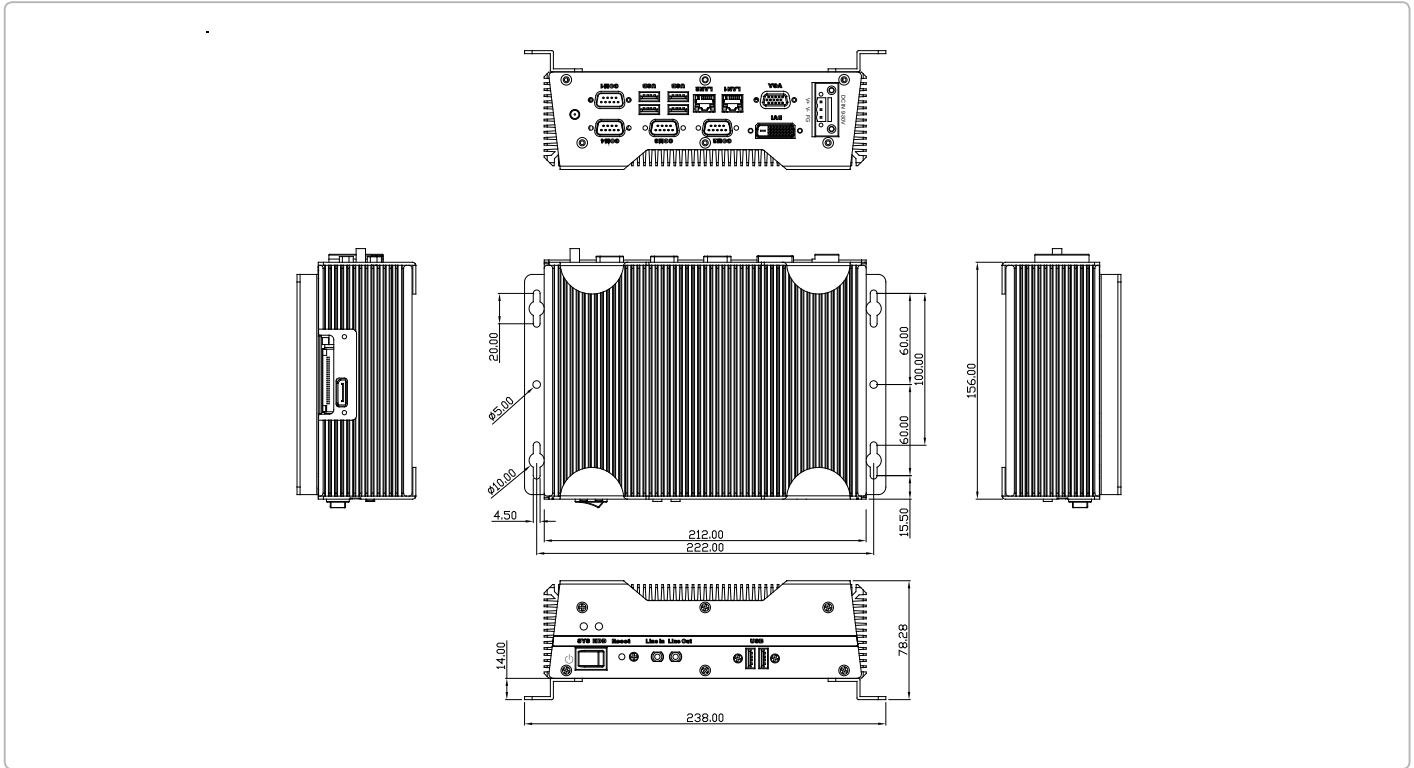
Specifications

CPU	Intel® P4500 1.86GHz	
Chipset	Intel® QM57	
System Memory	204-pin DDR3 SODIMM x 1, up to 4GB	
Display Interface	VGA	DB-15 x 1, shared system memory up to 512MB
	DVI	DVI-D x 1
	Others	Display port x 1 (with cover for protection)
Storage Device	SSD	CompactFlash™ Slot
	HDD	2.5" SATA Slim Hard Disk Drive Bay x 1 (AEC-6625-A3M-1010) Optional Dual 2.5" Slim Hard Disk Drive Kit Optional 2.5" Slim Hard Disk Drive + Slim CD-ROM Kit
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	Optional by Mini Card
Front I/O	USB Port	USB2.0 x 2 (AEC-6625-A2M/A3M-1010)
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Switch x 1, Reset Button x 1
	USB Port	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232/422/485 x 1, RS-232 x 1 (AEC-6625-A1M-1010) RS-232 x 3 (AEC-6625-A2M/A3M-1010)
Rear I/O	DIO	—
	Audio	Line-in/Line-out x 1
	KB/MS	—
	Others	DVI x 1, VGA x 1, Power inlet x 1
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	1
	Mini PCI	—
	Others	PCI-104 x 1 (AEC-6625-A3M-1010 only)
Indicator	Front	Power LED x 1, Hard Disk Drive LED x 1
	Rear	—
Power Requirement	DC-in 9~30V	
Power Consumption	Intel® P4500, 1.25A@30V	
System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	Ambient with Airflow:	-4°F ~ 140°F (-20°C ~ 60°C)
	No Airflow:	-4°F ~ 122°F (-20°C ~ 50°C)
Storage Temperature		-4°F ~ 140°F (-20°C ~ 60°C)
Anti-Vibration	5 g rms/ 5 ~ 500Hz/ operation – CompactFlash™,	
	1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock		20 G peak acceleration (11 msec. duration)
MTBF		50,000
Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)		8.35" (w) x 2.52" (H) x 6.22" (D) (212mm x 64mm x 158mm)
Gross Weight		10.34 lb (4.7 Kg)
Note		Windows® XP Embedded, Windows® XP, Windows® 7 Support

AEC-6625

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	AUDIO	Storage	Accessory Cables	Display	Expansion	PCI-104	Mounting	Power	Temp.
TF-AEC-6625-A1M-1010	Intel® P4500 1.86GHz processor	-	2	4	1	1	Line -in x 1 Line-out x 1	CF kit x 1	-	DVI-D x 1 VGA x 1 Display port x 1	Mini Card x 1	-	Wallmount VESA Mount (Optional)	DC 9-30V	-20°C~50°C (w/o air)
TF-AEC-6625-A2M-1010	Intel® P4500 1.86GHz processor	-	2	6	3	1	Line -in x 1 Line-out x 1	CF kit x 1	-	DVI-D x 1 VGA x 1 Display port x 1	Mini Card x 1	-	Wallmount VESA Mount (Optional)	DC 9-30V	-20°C~50°C (w/o air)
TF-AEC-6625-A3M-1010	Intel® P4500 1.86GHz processor	-	2	6	3	1	Line -in x 1 Line-out x 1	CF kit x 1 HDD kit x 1	-	DVI-D x 1 VGA x 1 Display port x 1	Mini Card x 1	PCI-104 x 1	Wallmount VESA Mount (Optional)	DC 9-30V	-20°C~50°C (w/o air)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad (60mm x 25mm x 3mm) x 1
- Product DVD
- AEC-6625

Optional Accessories

- **1757912001**
Power Adapter (120W); Output: DC 19V
- **1702031830**
Power Cord (US Type) - for 1757912001
- **1702031831**
Power Cord (European Type) - for 1757912001
- **1702031810**
Power Cord (Japanese Type) - for 1757912001
- **9741662507**
2.5" SATA HDD/DVD Kit w/o DVD-ROM
- **9741662504**
Dual 2.5" SATA HDD Kit
- **9741662503**
Dual 2.5" SATA HDD Kit (Removable)
- **9741662506**
Slim DVD-ROM + 2.5" SATA HDD Kit
- **9741662505**
VESA Mount Kit
- **9741662508**
Fan Kit
- **9741C50W01**
Mini Card (PCIe) 802.11 b/g/n + Bluetooth 3.0
- **9741662509**
I/O Dust Cover Kit
- **974166250A**
3.5" HDD ASS'Y Kit for AEC-6625/6636/6637