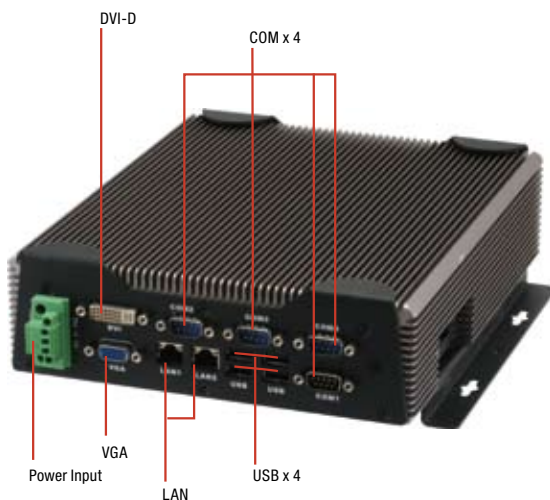
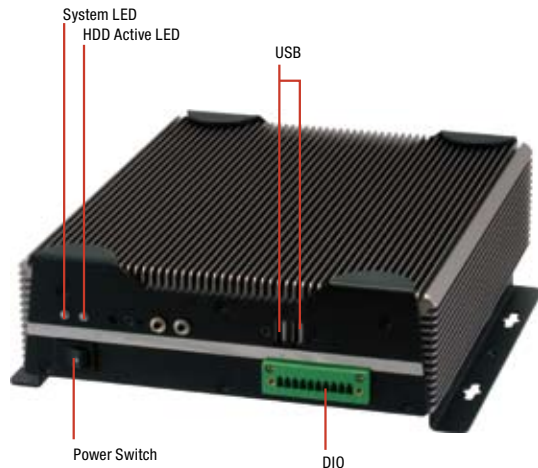


# AEC-6635

Fanless Embedded Controller With Intel® Core™ i7/i5 Processor



## Features

- Intel® Core™ i7/i5 Processor
- Intel® QM57 Chipset
- DVI-D x 1, VGA x 1, DisplayPort x 1
- Up To COM x 4
- Up To USB x 6
- Fanless Operation
- Gigabit Ethernet x 2
- ATX/ACPI Power Mode



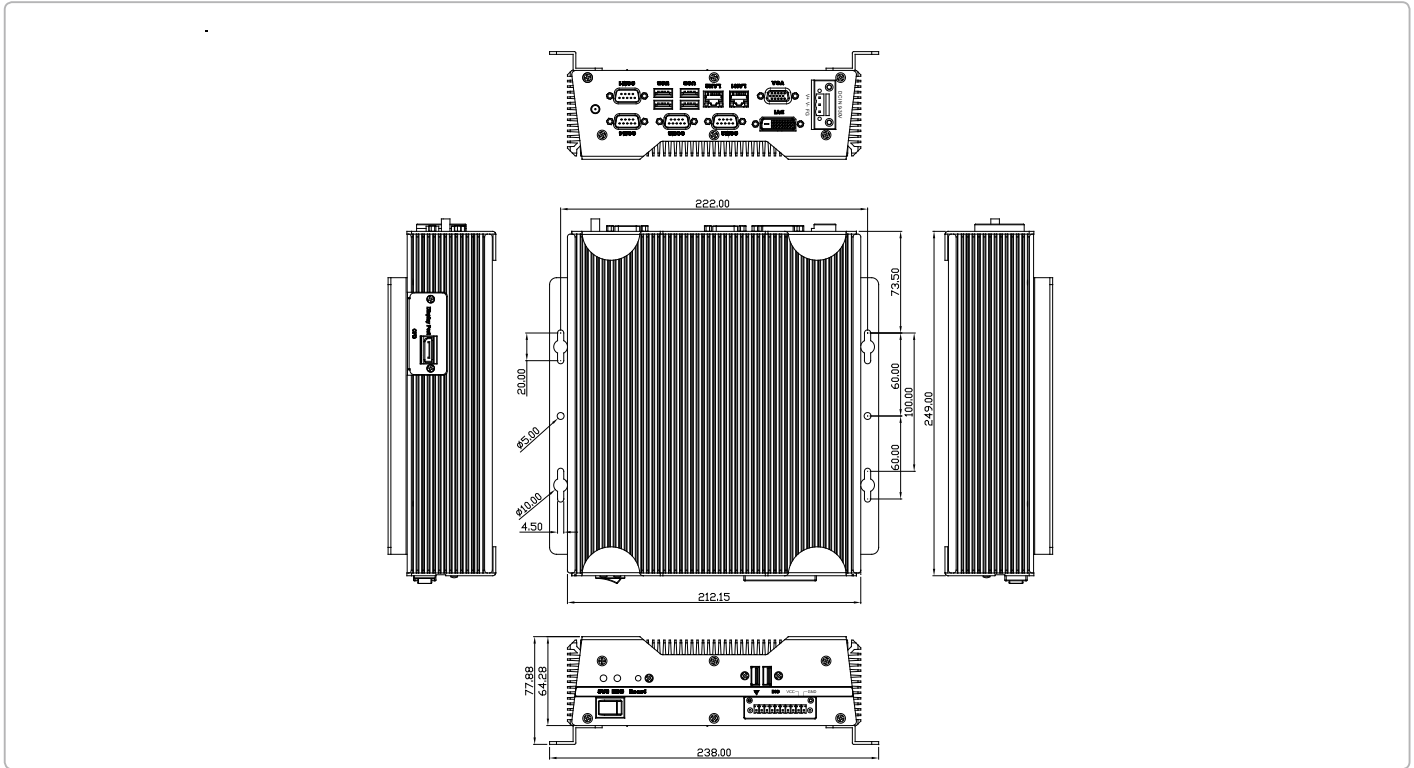
## Specifications

CPU	Intel® Core™ i7 620M 2.66GHz/ Intel® Core™ i5 520M 2.4GHz	
Chipset	Intel® QM57	
System Memory	204-pin DDR3 SODIMM x 1, Max. 4GB	
Display Interface	VGA	DB-15 x 1, shared system memory up to 512MB
	DVI	DVI-D x 1
	Others	DisplayPort x 1
Storage Device	SSD	CompactFlash™ Slot x 1 (w/Cover protection)
	HDD	2.5" SATA HDD drive bay x 1
Network	LAN	Gigabit Ethernet x 2
	Wireless	Optional WiFi kit (802.11b/g)
Front I/O	USB Port	USB 2.0 x 2
	LAN	—
	Serial Port	—
	DIO	4 DI + 4 DO
	Audio	—
	KB/MS	—
	Others	Power Switch x 1 Power reset x 1 SYS LED x 1 HDD LED x 1
Rear I/O	USB Port	USB 2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	—
	KB/MS	—
Expansion	Others	Power input x 1 DVI-D x 1 VGA x 1
	PCIe [x1]	—
	PCI	—
	Mini Card	1
	Mini PCI	—
Indicator	Others	—
	Front	Power LED x 1, Hard Disk Drive active LED x 1
	Rear	—
Power Requirement	DC-in 9 ~ 30V	
Power Consumption	Intel® Core™ i7 620M 2.56GHz (35W) 1.58A@19V	
System Cooling	Passive	
Mounting	Wallmount	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C) without Airflow	
	-4°F ~ 131°F (-20°C ~ 55°C) with Airflow	
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	
	20 G peak acceleration (11 msec. duration) – HDD	

# AEC-6635

## Dimension

Unit: mm



MTBF	—	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	8.35" (w) x 2.52" (H) x 9.8" (D) (212mm x 64mm x 249mm)	
Gross Weight	10.34 lb (4.7 Kg)	
Note	—	

## Ordering Information

- **TF-AEC-6635-A1M-1010**  
Fanless Embedded Controller, Intel® Core™ i7 620M, 4 COM, 6 USB, 1 DIO, DC9~30V
- **TF-AEC-6635-A2M-1010**  
Fanless Embedded Controller, Intel® Core™ i5 520M, 4 COM, 6 USB, 1 DIO, DC9~30V

## Optional Accessories

- **1757912001**  
Power Adapter (120W), Input: AC 100 ~ 240V; Output: DC 19V
- **1702031830**  
Power Cord (US Type) - for 1757912001
- **1702031831**  
Power Cord (European Type) - for 1757912001
- **1702031810**  
Power Cord (Japanese Type) - for 1757912001
- **1757913500**  
Power Adapter (135W), Input: AC 100 ~ 240V; Output: DC 12V
- **1702031802**  
Power Cord (US Type) - for 1757913500
- **1702031803**  
Power Cord (European Type) - for 1757913500
- **170203180E**  
Power Cord (Japanese Type) - for 1757913500
- **9741663501**  
2.5" SATA HDD/DVD Kit w/o DVD-ROM
- **9741663502**  
Dual 2.5" SATA HDD Kit
- **9741663503**  
Dual 2.5" SATA HDD Kit (Removable)
- **9741663504**  
Slim DVD-ROM+2.5" SATA HDD Kit
- **9741662505**  
VESA Mount Kit