

AEC-6523

Embedded Controller with Intel® Atom™ N2600 Processor

Launching in Q2

Features

- Intel® Atom™ N2600 Processor
- Intel® NM10 Express Chipset
- Intel® GMA 3600 Integrated Graphic Engine
- COM x 4, USB2.0 x 4
- Wide DC Power Input
- Fanless Operating System
- Dual Gigabit Ethernet LAN
- Wide Operating Temperature Range: -40°C ~ 75°C
- Memory, CFast™ Card, HDD Must Be Industrial Grade



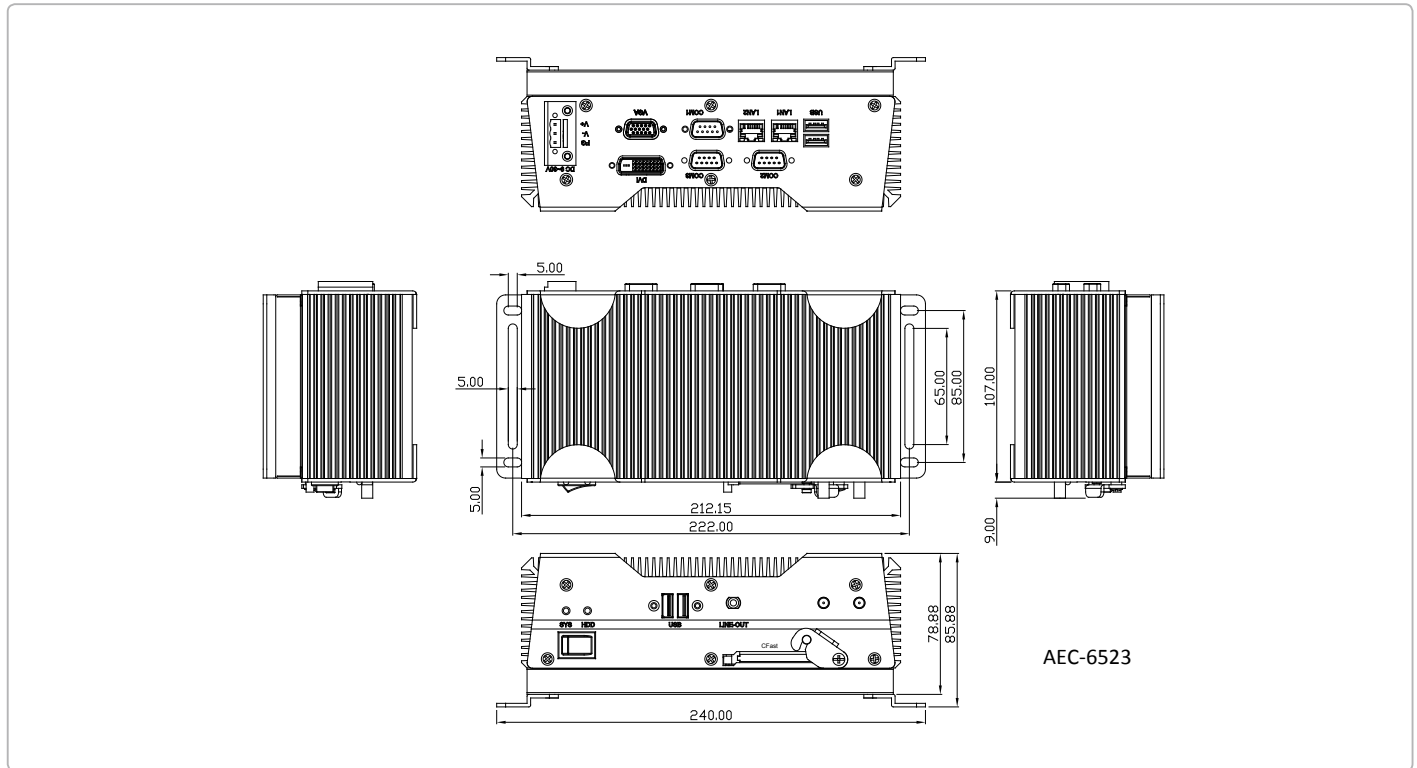
Specifications

CPU	Intel® Atom™ N2600 1.6GHz	
Chipset	Intel® NM10	
System Memory	204-pin DDR3 800/1066 SODIMM x 1, Max. 2GB	
Display Interface	VGA	DB-15 x 1
	DVI	—
	Others	—
Storage Device	SSD	CFast™ Slot x 1 (w/Cover protection)
	HDD	2.5" SATA HDD bay x 1
	Others	—
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
Rear I/O	Others	CFast™ slot x 1
	USB Port	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	—
Expansion	KB/MS	—
	Others	—
	PCIe [x1]	—
	PCI	—
	Mini Card	1
Indicator	Mini PCI	—
	Others	—
Front	—	
Rear	Power LED x 1, Hard Disk Drive active LED x 1	
Power Requirement	DC 9 ~ 30V with 3-pin terminal block	
Power Consumption	—	
System Cooling	Passive	
Mounting	Wallmount	
Operating Temperature	Ambient with Airflow -40°F ~ 167°F (-40°C ~ 75°C)	
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)	
Anti-Vibration	5g rms/ 5 ~ 500Hz/ operation – CFast™ Card 1g rms/ 5~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFast™ Card 20 G peak acceleration (11 msec. duration) – HDD	
MTBF	—	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	—	
Gross Weight	4.85 lb (2.2 Kg)	
Note	Windows® XP Pro, Windows® Embedded Standard, Windows® 7, Linux Fedora	

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Dimension

Unit: mm



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Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Audio	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
AEC-6523-A1M-1010	Intel® Atom™ N2600 1.6GHz processor	-	2	4	3	1	-	CFast™ Kit x 1 HDD Kit x 1	-	VGA x 1	Mini Card x 1	Wall mount Din Rail Mount Kit (Option) VESA Mount Kit (Option)	DC 9-30V	-30°C~70°C (w/o air)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad (60mm x 25mm x 3mm) x 1
- CD-ROM for Manual (in PDF Format) and Drivers
- AEC-6523

Optional Accessories

- **1757904002**
Power Adapter (40W), Output: DC 12V
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741662505**
VESA Mount Kit
- **9741681003**
DIN Rail Mount Kit