

AEC-6523

Embedded Controller with Intel® Atom™ N2600 Processor, -40°C ~ 70°C

Front View



Rear View



Specifications

CPU	Intel® Atom™ N2600 Dual Core 1.6GHz
Chipset	Intel® NM10 Chipset
System Memory	204-pin DDR3 800/1066MHz SODIMM x 1, up to 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 USB Type A x 2 for USB2.0
	LAN —
	Serial Port —
	DIO Line out x 1
	Audio —
	KB/MS —
	Others Power LED x 1, HDD LED x 1, Antenna Holes x 2 for Optional wireless, Power On/Off Switch x 1, CFast™ slot x 1

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 Operation
- Dual Gigabit Ethernet LAN
- Wide Operating Temperature Range: -40°C ~ 70°C
 1. With W/T HDD: (-30°C ~ 70°C)
 2. With W/T CFast™: (-40°C ~ 60°C)
- Memory, CFast™ Card, HDD Must Be Industrial Grade



Rear I/O	USB Port	USB type A x 2 for USB2.0	
	LAN	RJ-45 x 2 for 10/100/1000Base-TX	
	Serial Port	RS-232 x 3, RS-232/422/485 x 1	
	DIO	—	
	Audio	—	
	KB/MS	—	
	Others	3-pin terminal block x 1 for Power input, DB-15 x 1 for VGA	
Expansion	PCIe [x1]	—	
	PCI	—	
	Mini Card	1	
	Mini PCI	—	
	Others	—	
Indicator	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/ VESA/ DIN Rail	
Operating Temperature		Ambient with Airflow (W/T HDD): -22°F ~ 158°F (-30°C ~ 70°C)	No Airflow (W/T HDD): -22°F ~ 149°F (-30°C ~ 65°C)
		Ambient with Airflow (W/T CFast™): -40°F ~ 140°F (-40°C ~ 60°C)	No Airflow (W/T CFast™): -40°F ~ 131°F (-40°C ~ 55°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	
Anti-Drop		92 cm (1 Corner, 3 Edge, 6 Surface)	
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 32-bit, Windows® 7 32-bit, Windows® Embedded Standard 32-bit, Linux Fedora Core 14/ Kernel 2.635.x or above	

Unit: mm

