

# AEC-6402

Compact Embedded Controller with Intel® Atom™ Low Power Processor

Front View



Rear View



## Features

- Slimmest Fanless Boxer: Compact Design: 20mm
- Uniform I/O Ports: USB & RJ-45 (Ethernet and COM)
- Mini-HDMI Cconnector for HDMI Output
- CANbus 2-pin Support
- Anti-Drop Power Connector Design
- Aluminum Enclosure



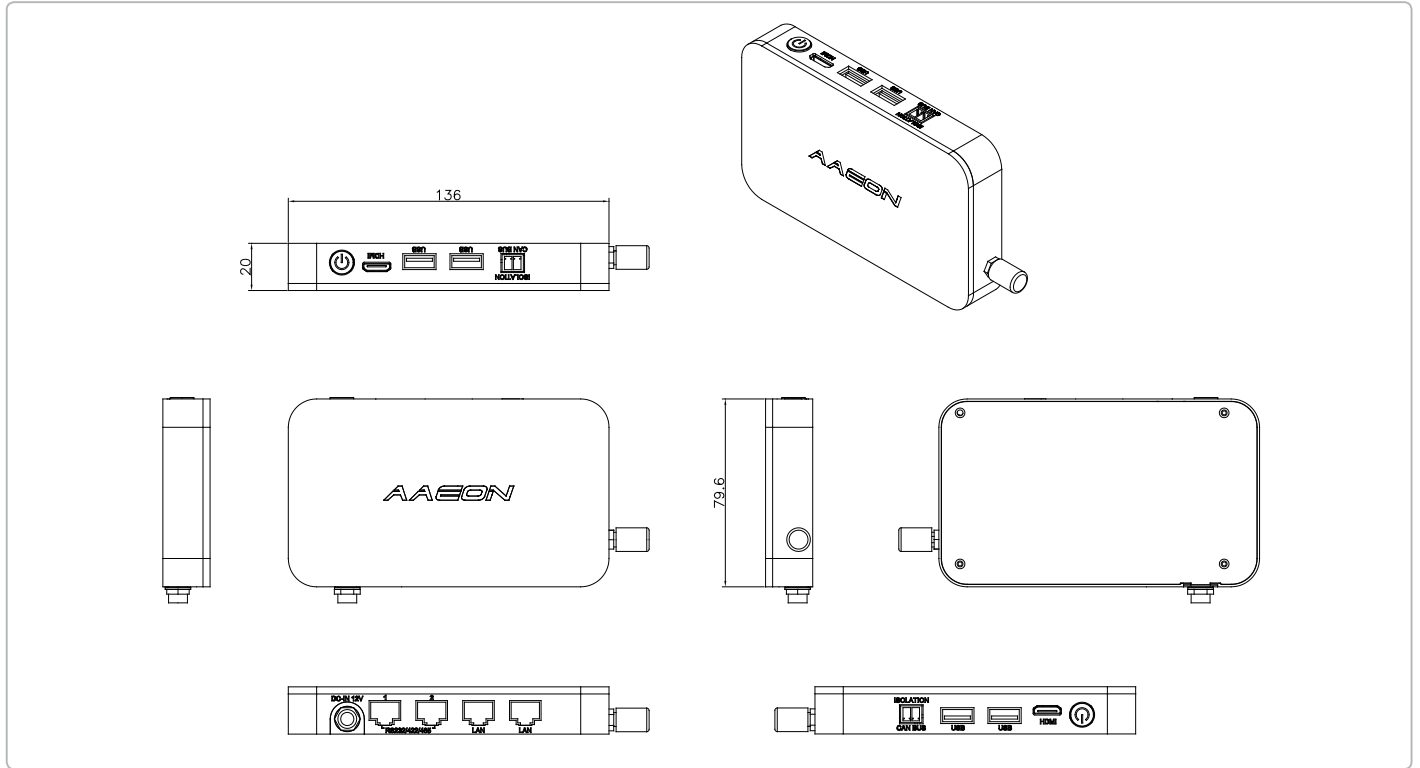
## Specifications

CPU	N2600	
Chipset	Intel® NM10	
System Memory	204-pin DDR3 800/1066 MHz SODIMM x 1, up to 4GB	
Display Interface	VGA	—
	DVI	—
	HDMI	Mini HDMI x 1
	Others	—
Storage Device	CF-SATA	—
	HDD/SSD	—
	Others	HALF-SIZE MSATA
Network	LAN	Gigabit Ethernet
	Wireless	—
Front I/O	USB Port	USB type A x 4 for USB 2.0
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Mini HDMI x 1 for HDMI, 2-pins for CAN, power button
Rear I/O	USB Port	RJ-45 x 2 for 10/100/1000 Base-TX
	LAN	—
	Serial Port	RJ-45 x 2 for RS-232/422/485 x 2
	DIO	—
	Audio	—
	Others	DC-jack w/lock for power input
Expansion	PCIe	—
	PCI	—
	Mini Card	—
	Mini PCI	—
	Others	Onboard USB pin header x 2
Indicator	Front	—
	Rear	—
Power Requirement	12V DC in with lockable connector	
Power Consumption	—	
System Cooling	Passive	
Mounting	VESA 75/100, Din Rail	
Operating Temperature	32°F ~ 104°F (0°C to 40°C) ( without airflow )	
	32°F ~ 122°F (0°C to 50°C) ( with airflow )	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	3g rms/ 5 ~ 500Hz/ operation – CFD	
	1g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50G peak acceleration (11 msec. duration) – CFD	
	20G peak acceleration (11 msec. duration) – HDD	
MTBF	50,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	5.35" x 3.13" x 0.79" (136mm x 79.6mm x 20mm)	
Gross Weight	—	
Note	—	

# AEC-6402

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB 2.0	CAN (2-pins)	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Operation Temp.
AEC-6402-A1-1010	Intel® N2600	Up to 2GB	2	2	1	2	mSATA x 1	Mini HDMI	WiFi b/g/n	Din Rail/VESA 75/100	12V DC in	0°C ~ 50°C (with air)
AEC-6402-A2-1010	Intel® N2600	Up to 2GB	2	2	1	2	mSATA x 1	Mini HDMI	WiFi b/g/n ( build inside already)	Din Rail/VESA 75/100	12V DC in	0°C ~ 50°C (with air)

## Packing List

- Anti-Heat kit x 1
- RJ-45 to COM cable x 2
- Mini HDMI to HDMI cable x 1
- Power Adapter x 1
- Product CD
- AEC-6402

## Optional Accessories

- TBD