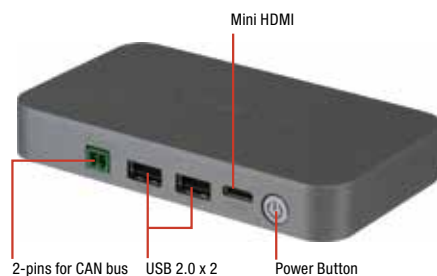


AEC-6402

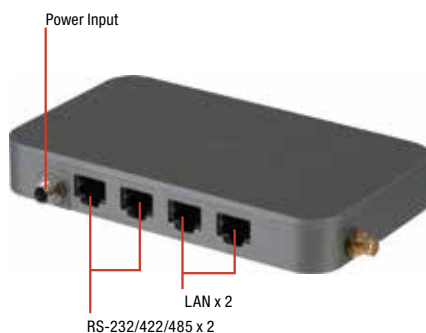
Compact Embedded Controller with Intel® Atom™ N2600 1.6 GHz Processor

BOXER Lite Series - Fanless Embedded Controller Solutions

Front View

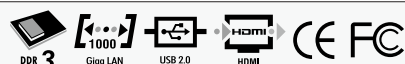


Rear View



Features

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



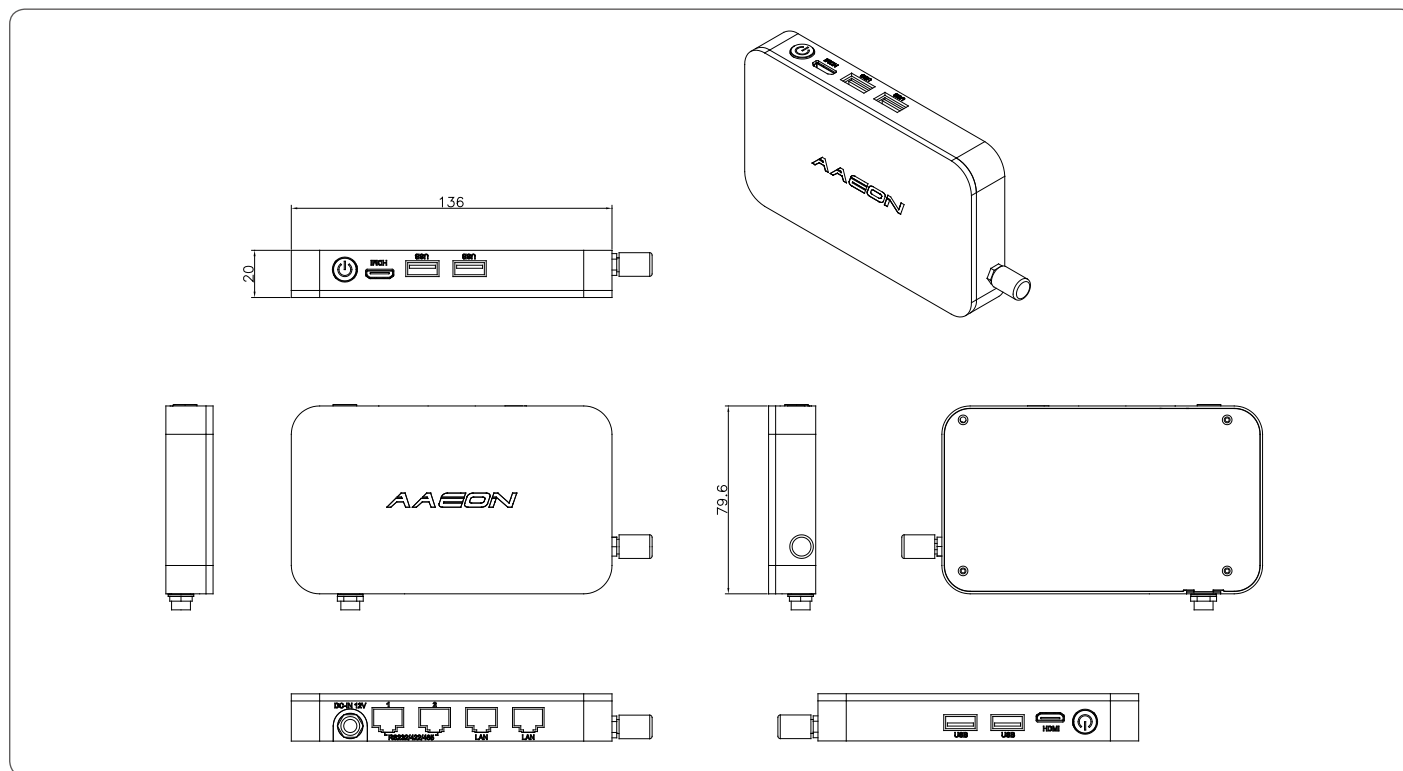
Specifications

CPU		N2600
Chipset		Intel® NM10
System Memory		204-pin DDR3 800/1066 MHz SODIMM x 1, up to 2 GB
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	Optional
Front I/O	USB Port	USB type A x 2 for USB 2.0
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Mini HDMI x 1 for HDMI, power button, 2-pins for CAN bus
Rear I/O	USB Port	—
	LAN	RJ-45 x 2
	Serial Port	RJ-45 x 2 for RS-232/422/485 x 2
	DIO	—
	Audio	—
	KB/MS	—
	Others	DC-jack w/lock for power input
Expansion	PCIe	—
	PCI	—
	Mini-Card	—
	Mini PCI	—
	Others	Onboard USB pin header x 1 for Touch/WiFi
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 ~ 40°C) (without airflow) 32°F ~ 122°F (0°C ~ 50°C) (with airflow)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)
Anti-Vibration		3 g rms/ 5 ~ 500Hz/ operation – mSATA
Anti-Shock		50 G peak acceleration (11 msec. duration) – mSATA
MTBF (Hours)		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		2.64 lb (1.2 Kg)
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-A1-1110	Intel® Atom™ N2600	Up to 2 GB	2	2	1	2	mSATA bay x 1	Mini HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	0°C ~ 50°C (with airflow)
AEC-6402-A2-1110	Intel® Atom™ N2600	Up to 2 GB	2	2	1	2	mSATA bay x 1	Mini HDMI	WiFi b/g/n (built-in)	Din Rail/VESA 75	12V DC in	0°C ~ 50°C (with airflow)
AEC-6402-A3-1010	Intel® Atom™ N2600	Up to 2 GB	2	2	0	2	mSATA bay x 1	Mini HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	0°C ~ 50°C (with airflow)
AEC-6402-A4-1010	Intel® Atom™ N2600	Up to 2 GB	2	2	0	2	mSATA bay x 1	Mini HDMI	WiFi b/g/n (built-in)	Din Rail/VESA 75	12V DC in	0°C ~ 50°C (with airflow)

Packing List

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

Optional Accessories

- **M276401000**
Anti-Heat Kit
- **1700090156**
RJ-45 to COM Cable
- **1700190500**
Mini HDMI to HDMI Cable
- **1757306007**
Power Adapter
- **9741640101**
Din Rail Mount Kit
- **9741640100**
VESA Mount Kit