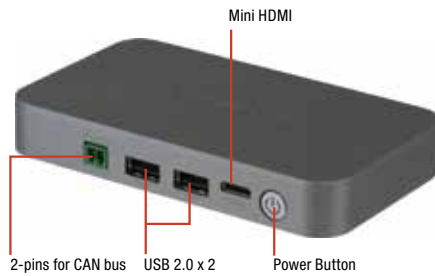


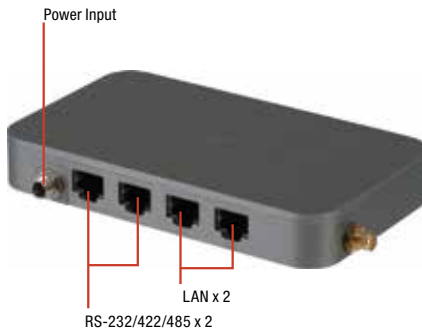
AEC-6402

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

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



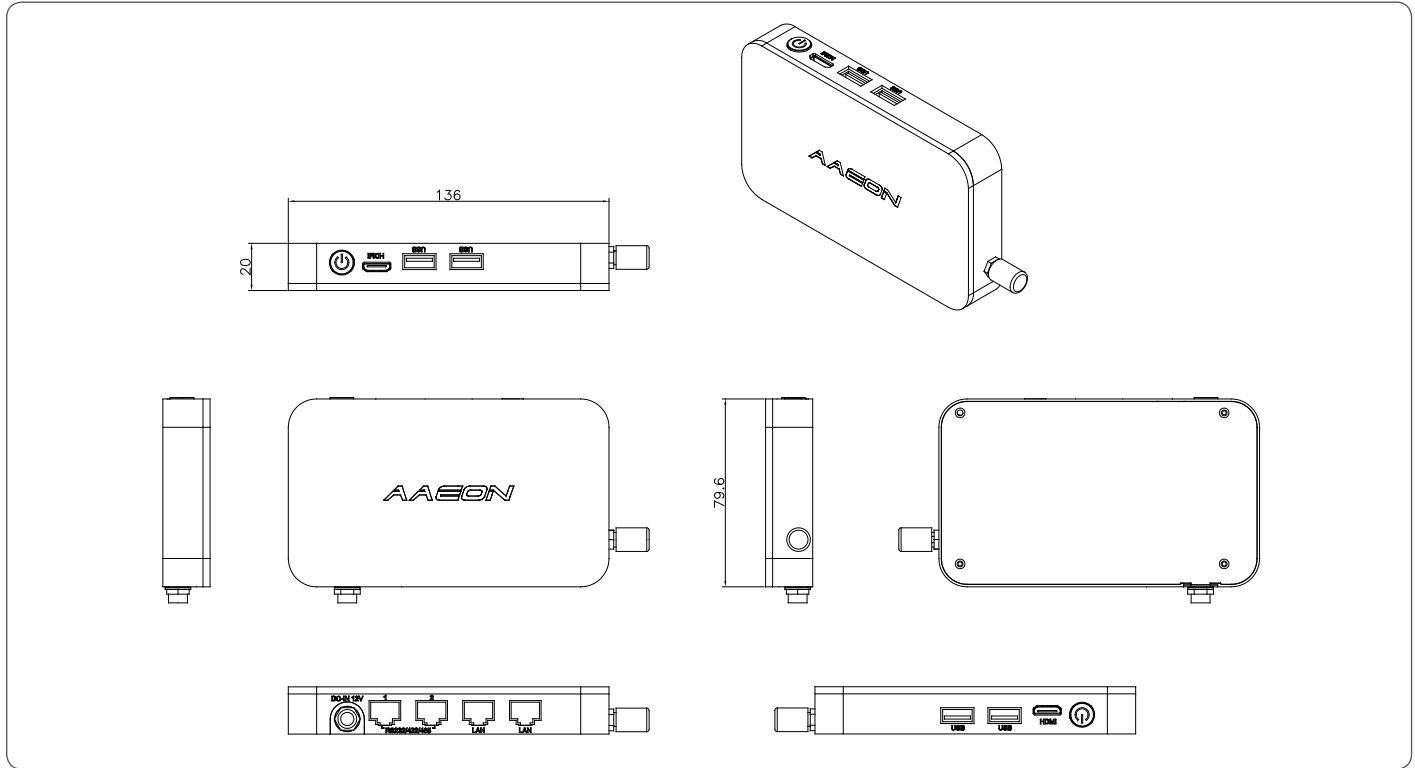
Specifications

| | | |
|-----------------------|--|--|
| 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