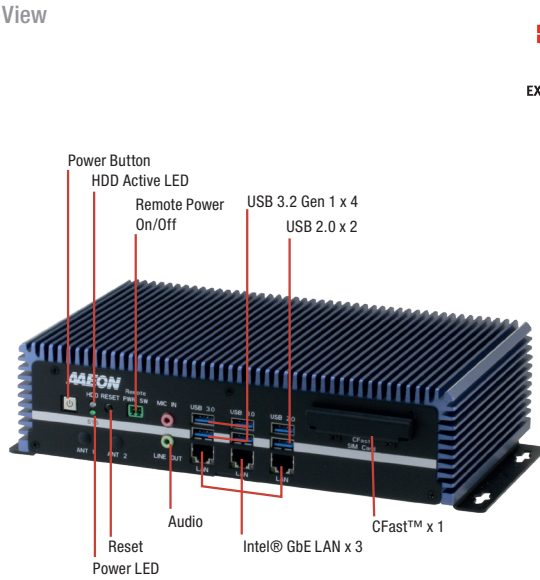


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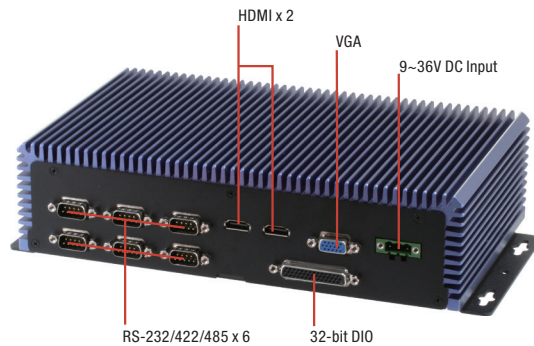
Fanless Embedded Box PC with Socket Type 6th Generation Intel® Processor and Q170 Chipset

Compact Fanless BOX PC Solutions

Front View



Rear View



Features

- Extreme Computing Power & Graphic Display Capability
- Desktop Grade Socket Type Processor with Longevity Support
- Supports DDR4 ECC or Non-ECC SODIMM, Up to 32GB
- Supports VGA + HDMI x 2 Triple Display, HDMI 4K Display
- Supports USB 3.2 Gen 1 x 4, USB 2.0 x 2
- Supports Industrial-grade Intel® GbE LAN x 3
- Supports BIOS Selectable RS-232/422/485 x 6
- Compact Size and Easy Access Design
- Wide Range DC 9~36V Input
- 34-bit Digital Input and Output

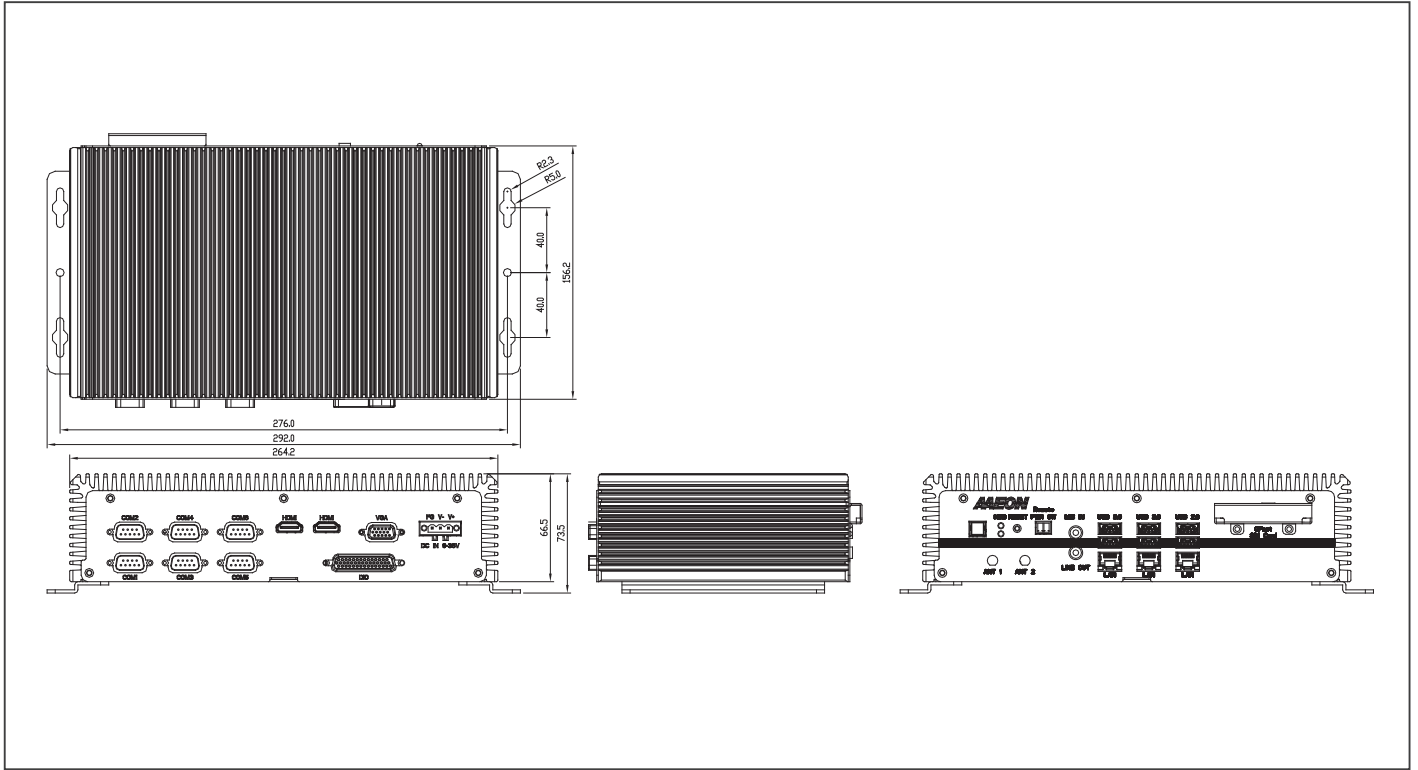


Specifications

| System | |
|------------------------|---|
| CPU | Intel® Core™ i7-7700T, 2.9 GHz Intel® Core™ i5-7500T, 2.7 GHz Intel® Core™ i7-6700TE, 2.4 GHz Intel® Core™ i5-6500TE, 2.3 GHz Intel® Core™ i3-6100TE, 2.7 GHz Intel® Pentium® G4400TE, 2.4 GHz Intel® Celeron® G3900TE, 2.3 GHz |
| Chipset | Q170 |
| System Memory | DDR4 1866/2133 SODIMM slot x 2, up to 32 GB, ECC or Non-ECC support |
| Display Interface | VGA, HDMI |
| Storage Device | CFast, SATA HDD/SSD (Optional: x2) |
| Ethernet | Intel® i210, 10/100/1000Base-TX x 3 |
| I/O | RS-232/422/485 x 6 USB 3.2 Gen 1 x 4 USB 2.0 x 2 VGA x 1 HDMI x 2 Line-out x 1 Mic-in x 1 LAN x 3 CFast slot x 1 SIM slot x 1 Antenna holes x 2 34bit DIO x 1(A2 & A4 SKU) Power switch Power input Remote power switch Reset Button |
| Expansion | Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot) Full-size Mini-Card x 1 (PCI-E + USB, Optional for mSATA and SIM Slot) |
| Indicator | Power LED HDD active LED |
| OS support | Windows® 7 (32/64-bit), Windows® 8/8.1 (64-bit), Windows® 10 (64-bit) |
| Power Supply | |
| Power Requirement | 9 - 36V with 3-pin terminal block |
| Mechanical | |
| Mounting | Wallmount, DIN Rail (Mounting Kit is optional) |
| Dimensions (W x H x D) | 10.4" x 2.6" x 6.1" (264.2mm x 66.5mm x 156.2mm) |
| Gross Weight | 7.7 lb (3.5 kg) |
| Net Weight | 6.6 lb (3 kg) |
| Environmental | |
| Operating Temperature | -4°F ~ 131°F (-20°C ~ 55°C) (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices) |
| Storage Temperature | -49°F ~ 176°F (-45°C ~ 80°C) |
| Storage Humidity | 5~95% @ 40°C, non-condensing |
| Anti-Vibration | 2 Grms/ 5 ~ 500Hz/ operation - CFast™ card 1 Grms/ 5 ~ 500Hz/ operation - HDD |
| Certification | CE/FCC class A |

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM | LAN | USB 3.2 Gen 1 | USB 2.0 | RS-232/422/485 | DIO | Audio | Storage | Display | Expansion | Mounting | Power | Temp. |
|--------------------|-----|-----|-----|---------------|---------|----------------|--------|------------------|--|-------------------|-------------------------|-----------|-------|--------------------------------|
| BOXER-6639-A1-1110 | — | — | 3 | 4 | 2 | 6 | — | Mic-in, Line-out | 2.5" SATA Drive bay x 1, CFast™ slot x 1 | VGA x 1, HDMI x 2 | Full-size Mini-Card x 2 | Wallmount | 9-36V | -4°F ~ 131°F (-20°C ~ 55°C) |
| BOXER-6639-A2-1110 | — | — | 3 | 4 | 2 | 6 | 34 bit | Mic-in, Line-out | 2.5" SATA Drive bay x 1, CFast™ slot x 1 | VGA x 1, HDMI x 2 | Full-size Mini-Card x 2 | Wallmount | 9-36V | -4°F ~ 131°F (-20°C ~ 55°C) |
| BOXER-6639-A3-1010 | — | — | 3 | 4 | 2 | 6 | — | Mic-in, Line-out | 2.5" SATA Drive bay x 2, CFast™ slot x 1 | VGA x 1, HDMI x 2 | Full-size Mini-Card x 2 | Wallmount | 9-36V | -4°F ~ 131°F (-20°C ~ 55°C) |
| BOXER-6639-A4-1010 | — | — | 3 | 4 | 2 | 6 | 34 bit | Mic-in, Line-out | 2.5" SATA Drive bay x 2, CFast™ slot x 1 | VGA x 1, HDMI x 2 | Full-size Mini-Card x 2 | Wallmount | 9-36V | -4°F ~ 131°F (-20°C ~ 55°C) |

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- BOXER-6639

Optional Accessories

- **1255901202**
Power Adapter
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (Europe)
- **170203180E**
Power Cord (Japan)
- **9741663902**
Din Rail Mount Kit
- **9741663900**
I/O Dust Cover Kit. For BOXER-6639 (A1 & A3 sku)