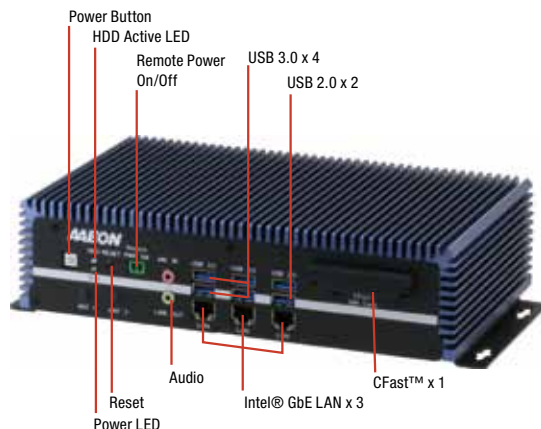


# 08 BOXER-6639

Compact Fanless BOX PC Solutions

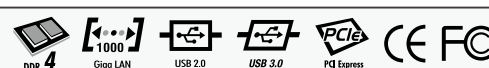
Fanless Embedded Box PC with Intel® 6th Generation Socket Type Processor and Q170 Chipset

Front View



## Features

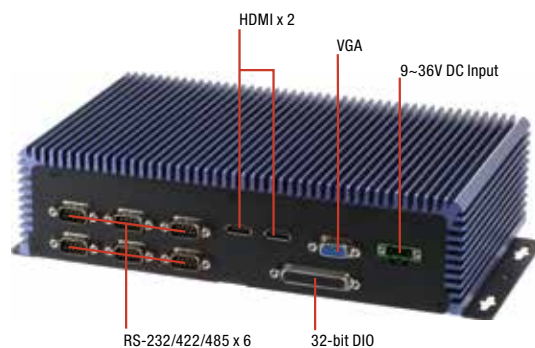
- Extreme Computing Power & Graphic Display Capability
- Desktop Grade Socket Type Processor with Longevity Support
- Support DDR4 ECC or Non-ECC SO-DIMM, Up to 32GB
- Support VGA + HDMI x 2 Triple Display, HDMI 4K Display
- Support USB 3.0 x 4, USB 2.0 x 2
- Support Intel® Industrial-grade GbE LAN x 3
- Support 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

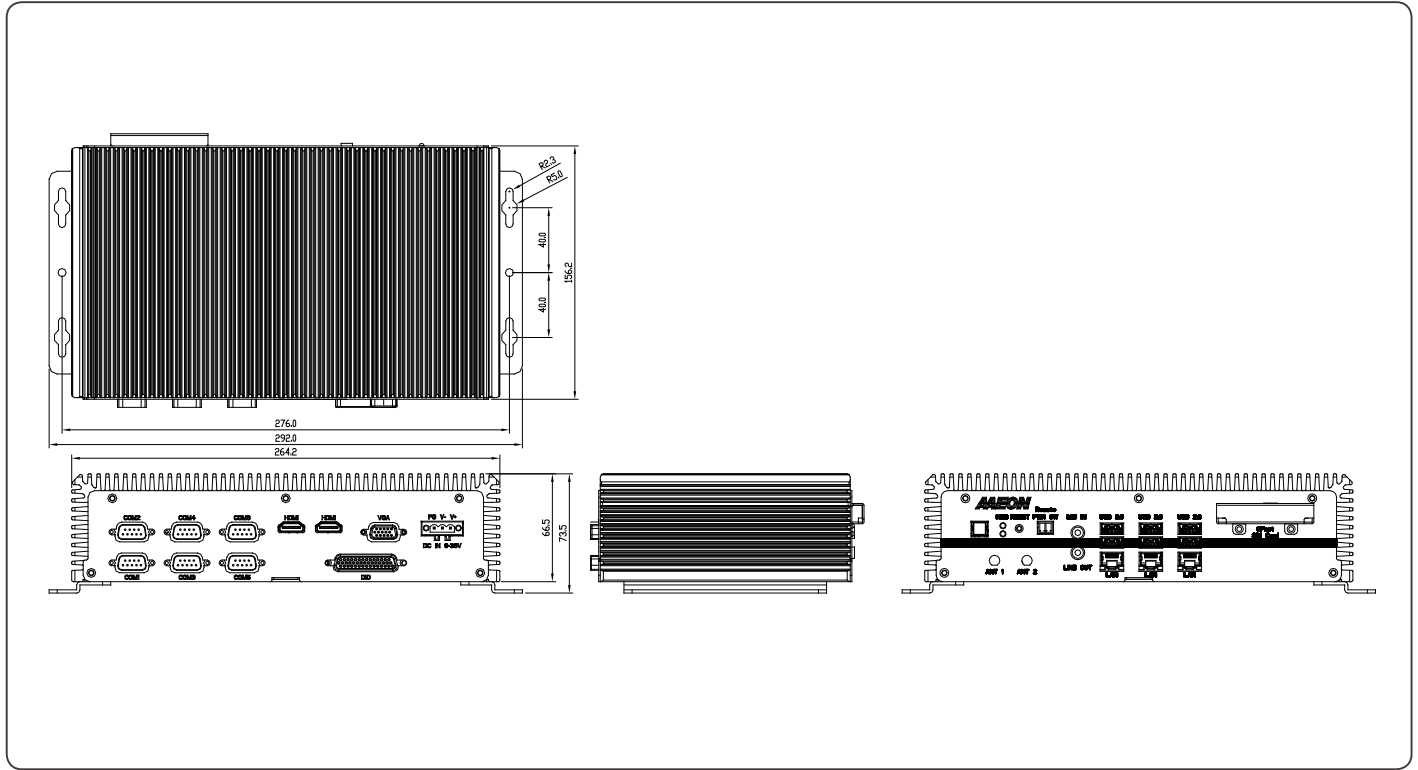
System	
CPU	Intel® Core™ i7-6700TE, 2.4 GHz Intel® Core™ i5-6500TE, 2.3 GHz Intel® Core™ i3-6100TE, 2.7 GHz Intel® Pentium® G4400TE, 2.4 GHz Intel® Celeron® G3900TE, 2.3 GHz
Chipset	Q170
System Memory	DDR4 1866/2133 SODIMM slot x 2, up to 32 GB, ECC or Non-ECC support
Display Interface	VGA, HDMI
Storage 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 3.0 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 2
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
Dimensions (W x H x D)	264.2mm x66.5mm x156.2mm( 10.4" x 2.6" x 6.1")
Gross Weight	3.5 kg
Net Weight	3 kg
Environmental	
Operating Temperature	-20°C ~ 55°C (according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices)
Storage Temperature	-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

Rear View



## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232/422/485	DIO	Audio	Storage	Display	Expansion	Mounting	Power	Temp.
BOXER-6639-A1-1010	—	—	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	-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	-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	-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	-20°C ~ 55°C

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- Product DVD 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