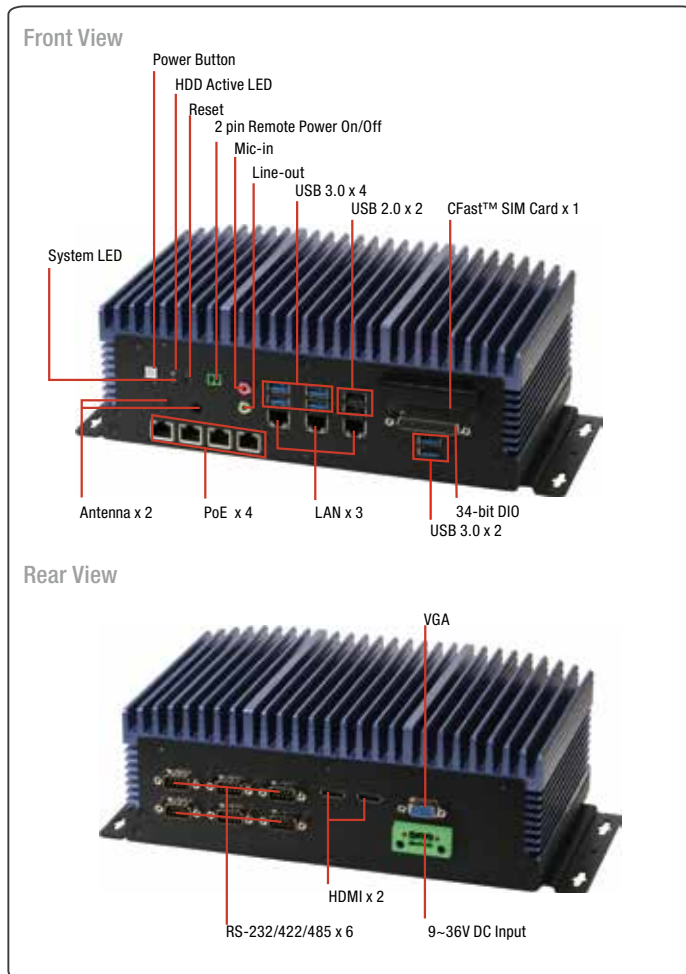


# 08 BOXER-6639M

Compact Fanless BOX PC Solutions

Fanless Embedded Box PC with 6th/ 7th Generation Intel® Core™ Desktop Processor and PoE



## Features

- Extreme Computing Power & Graphic Display Capability
- Desktop Grade Socket Type Processor with Longevity Support
- DDR4 ECC or Non-ECC SODIMM, Up to 32GB
- VGA + HDMI x 2 Triple Display, HDMI 4K Display
- 802.3at GbE PoE x 4 (max. 80W in total)
- USB 3.0 x 6
- Intel® Industrial-grade GbE LAN x 3
- Support BIOS Selectable RS-232/422/485 x 6
- Easy Access Design
- Wide Range DC 12~36V Input
- 34-bit Digital Input and Output



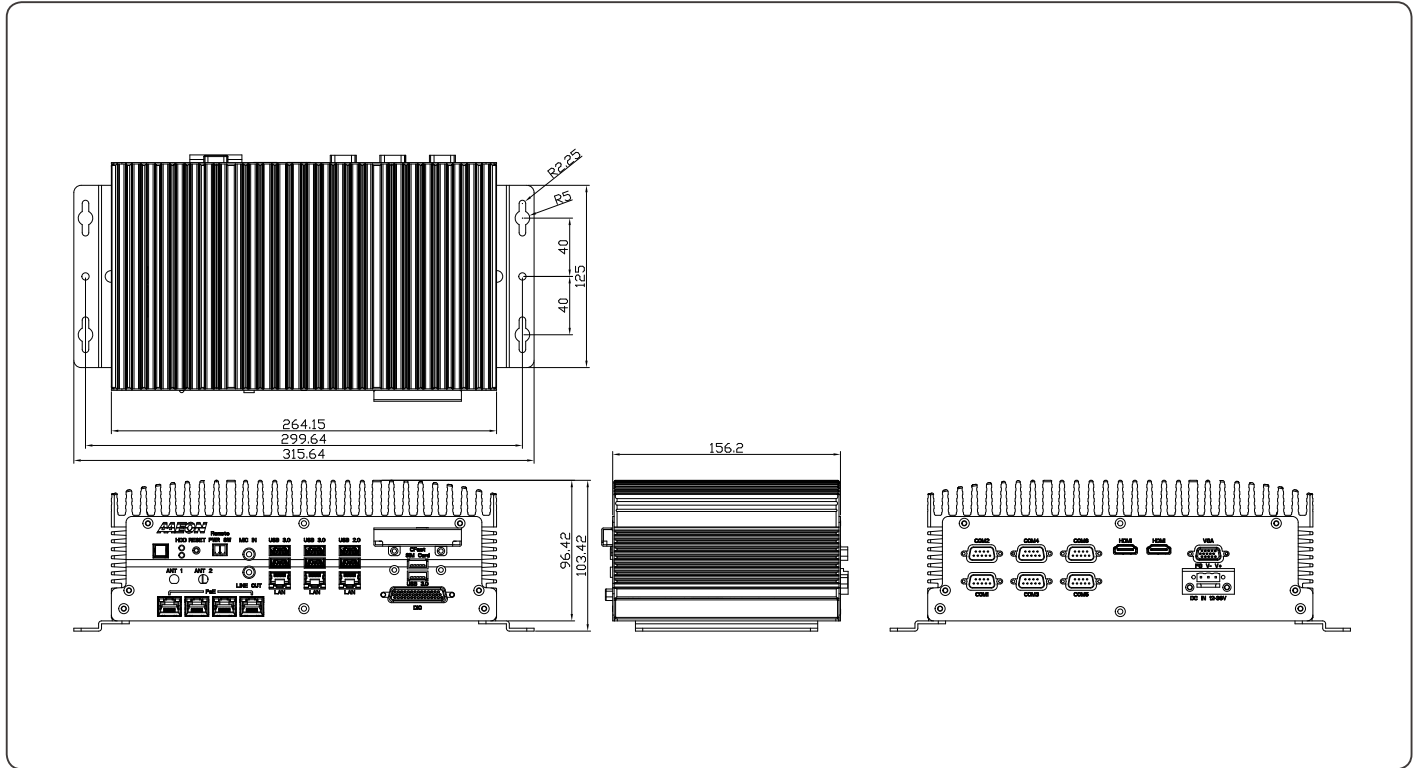
I/O	RS-232/422/485 x 6 USB Type A x 6 for USB 3.0 USB Type A x 2 for USB 2.0 RJ-45 x 3 for GbE LAN RJ-45 x 4 for PoE (802.3at, max. 80W in total) DB-44 for 34-bit Digital I/O (5V) CFast™ slot x 1 SIM card slot x 1 Power On/Off Button x 1 2 pin Remote power on/off Reset switch Mic-in x 1 Line-out x 1 Antenna opening x 2 SYS LED indicator x 1 HDD LED indicator x 1 DB-15 x 1 for VGA HDMI v1.3 x 2 DC-in 3-pin terminal block (12~36V)
Expansion	Full-size Mini-Card x 2
Indicator	Power LED HDD active LED
OS Support	<b>7th Generation Intel® Core™ Processor family:</b> Windows® 10 IoT (64bit) Ubuntu 16.04 above Fedora 25 above CentOS 7.3 above  <b>6th Generation Intel® Core™ Processor family:</b> Windows® 10 IoT (64bit) Windows® 8.1 (64bit) Windows® embedded 8 standard (64bit) Windows® 7 (32/64bit) Windows® embedded standard 7 (32/64bit) Ubuntu 16.04 above Fedora 25 above CentOS 7.3 above
<b>Power Supply</b>	
Power Requirement	12 - 36V with 3-pin terminal block
Mounting	Wallmount
<b>Mechanical</b>	
Dimensions (W x H x D)	10.4" x 3.8" x 6.1" (264.2mm x 96.4mm x 154.2mm)
Gross Weight	13.0 lb (5.9 kg)
Net Weight	8.8 lb (4.0 kg)
<b>Environmental</b>	
Operating Temperature	-25°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	5 Grms/ 5 ~ 500Hz/ operation – SSD/CFast™ card 1 Grms/ 5~ 500Hz/ operation – HDD
Certification	CE/FCC class A

## Specifications

System	
CPU	<b>7th Generation Intel® Core™ Processor family:</b> Intel® Core™ i7-7700T, 2.9 GHz Intel® Core™ i5-7500T, 2.8 GHz Intel® Core™ i3-7101TE, 3.4 GHz Intel® Pentium® G4600T, 3.0 GHz Intel® Pentium® G4560T, 2.9 GHz Intel® Celeron® G3930T, 2.7 GHz  <b>6th Generation Intel® Core™ Processor family:</b> Intel® Core™ i7-6700TE, 2.4 GHz Intel® Core™ i5-6500TE, 2.3 GHz Intel® Core™ i3-6100TE, 2.7 GHz Intel® Pentium® G4500T, 3.0 GHz Intel® Pentium® G4400T, 2.9 GHz Intel® Celeron® G3900T, 2.6 GHz
Chipset	Intel® Q170
System memory	DDR4 1866/2133 S0-DIMM slot x 2, up to 32GB
Display Interface	HDMI, VGA
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® i210, 10/100/1000Base-TX x 3

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	PoE	USB 3.0	USB 2.0	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operating Temp.
BOXER-6639M-A1-1010	—	—	3	4	6	2	6	34 bit	MIC-In x 1 Line-Out x 1	2.5" Drive Bay x 2 CFast™ x 1	VGA x 1 HDMI x 2	Full-size Minicard x 2	Wallmount	12-36V DC in	-25°C ~ 55°C

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- Thermal Pad x 3
- Product DVD x 1
- Phoenix Connector x 2
- BOXER-6639M

## Optional Accessories

- **1255902200**  
220W Power Adapter (for 2 or above PoE cameras)
- **1255901202**  
120W Power Adapter (for only 1 PoE camera)
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (Europe)
- **170203180E**  
Power Cord (Japan)
- **9741159H00**  
WiFi/Bluetooth Module & Antenna
- **9741EC25E0**  
4G Module & Antenna (For Europe)
- **9741EC25A0**  
4G Module & Antenna (For USA-AT&T)
- **9741EC25V0**  
4G Module & Antenna (For USA-Verizon)