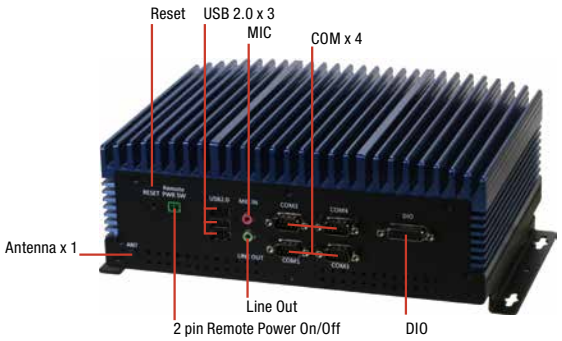
Fanless Embedded Box PC with 6th/7th Generation Intel® Core™ Desktop Processor and GbE

Front View



Rear View



Features

- **Extreme Computing Power & Graphic Display Capability**
- **Desktop Grade Socket Type Processor**
- **Support DDR4 ECC or Non-ECC SO-DIMM, Up to 32GB**
- **Support VGA + HDMI x 2 (Combo Display Port x 2)**
- **Support USB 3.0 x 4**
- **Support Intel® GbE LAN x 2**
- **Wide Range DC 9~36V Input**
- **8-bit Digital Input and Output**

DDR 4 | 1000 Giga LAN | USB 2.0 | USB 3.0 | PCIe PCI Express | CE FC

Power Supply	
Power Requirement	3-pin Phoenix DC Input 9~36V
Mechanical	
Mounting	Wall-mount
Dimensions (W x H x D)	264mm x 96.4mm x 186.2mm
Gross Weight	5.8 KG
Net Weight	4.5 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(-49 °F ~ 185°F)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	2 Grms/ 5 ~ 500Hz/ operation – SSD 1 Grms/ 5 ~ 500Hz/ operation – HDD
Certification	CE/FCC class A

Specifications

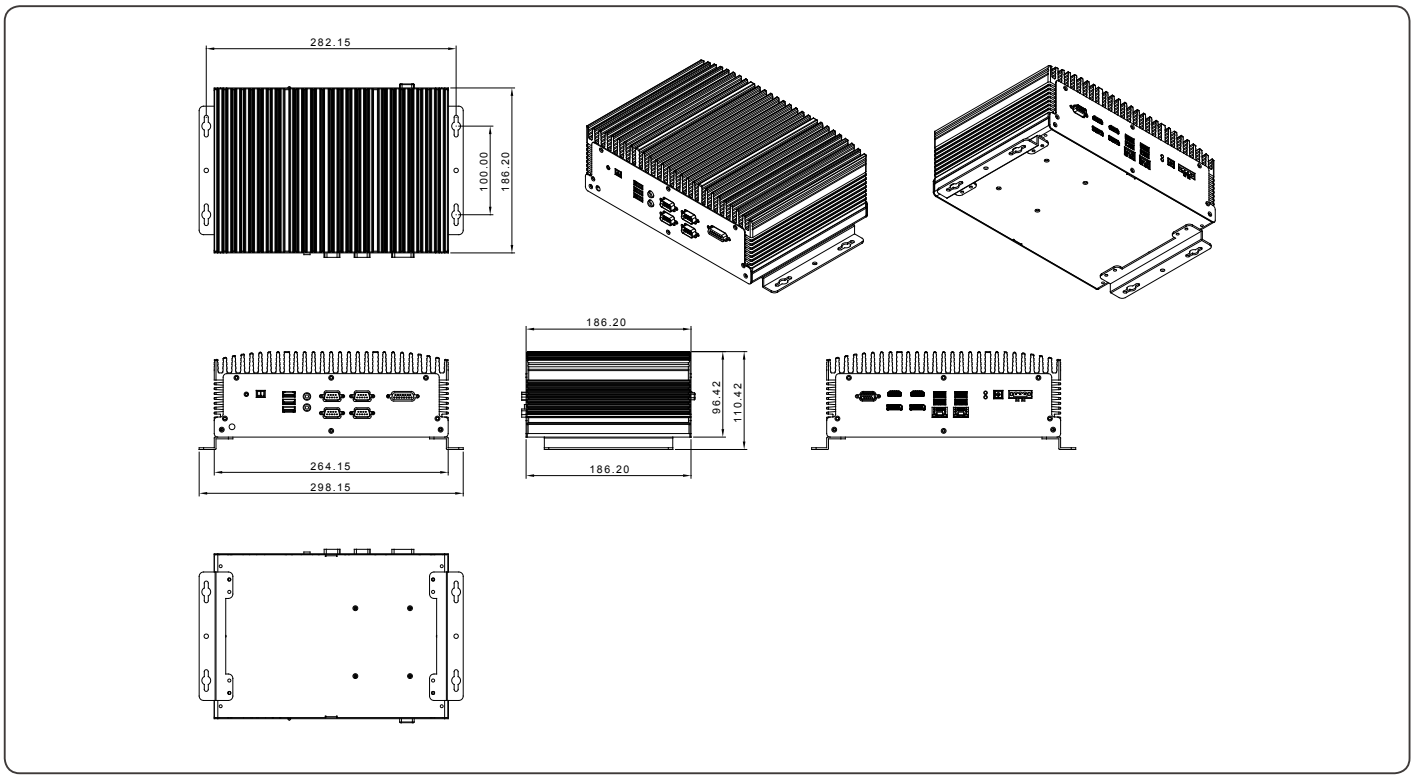
System	
CPU	Intel® Core™ i7-7700T, Quad Core, 2.9 GHz Intel® Core™ i5-7600T, Quad Core, 2.8 GHz Intel® Core™ i3-7300T, Dual Core, 3.5 GHz Intel® Core™ i7-6700TE, Quad Core, 2.4 GHz Intel® Core™ i5-6500TE, Quad Core, 2.3 GHz Intel® Core™ i3-6100TE, Dual Core, 2.7 GHz
Chipset	Intel® H110
System Memory	DDR4 SO-DIMM socket (double deck) x 2 Supports 1866/2133MHz DDR4 and up to 32GB Support un-buffered and ECC / non-ECC type SODIMM
Display Interface	VGA x 1, HDMI x 2 (Combo DP x 2)
Storage Device	mSATA, SATA
Network	—
I/O	2 pin Remote power on/off connector Audio x1 (MIC-in, Line-out) USB 2.0 x 3 DB-9 x 3 for RS-232 8-bit DIO DB-9 x 1 for RS-232/422/485 with auto flow control Power ON/OFF switch x 1 SYS LED x 1 HDD LED x 1 3 pin 9~36V DC Power input x 1 (+, - , GND) VGA x 1 HDMI x 2 (Combo DP x 2) USB 3.0 x 4 RJ-45 x 2 for GbE (i211AT x 1, i219LM x 1)
Expansion	Full-size Mini card x 1 (PCIE + USB, w/ SIM slot) Full-size Mini card x 1 (mSATA + USB) LPC x 1
OS Support	Windows® 10 64 bit (Kabylake, Skylake CPU) Windows® 8.1 64 bit (Skylake CPU only) Windows® embedded 8 standard 64 bit (Skylake CPU only)

Note: All specifications are subject to change without notice.

BOXER-6640

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation Temp.
BOXER-6640-A1-1010	—	—	2	4	3	4	8 bit	MIC-in, Line-out	2.5" SATA Drive bay x 1	VGA x 1 HDMI x 2	Full-size Minicard x 2	Wallmount	9-36V	-20°C ~ 55°C

Packing List

- **3-Pin DC-IN Phoenix Connector x 1**
- **Remote on-off Cable x 1**
- **Thermal Pad**
- **Wallmount Bracket x 2**
- **Screw Package x 1**
- **Product DVD x 1**
- **BOXER-6640**

Optional Accessories

- **1255901202**
  Power Adapter
- **1702031802**
  Power Cord (US Type)
- **1702031803**
  Power Cord (Europe)
- **170203180E**
  Power Cord (Japan)