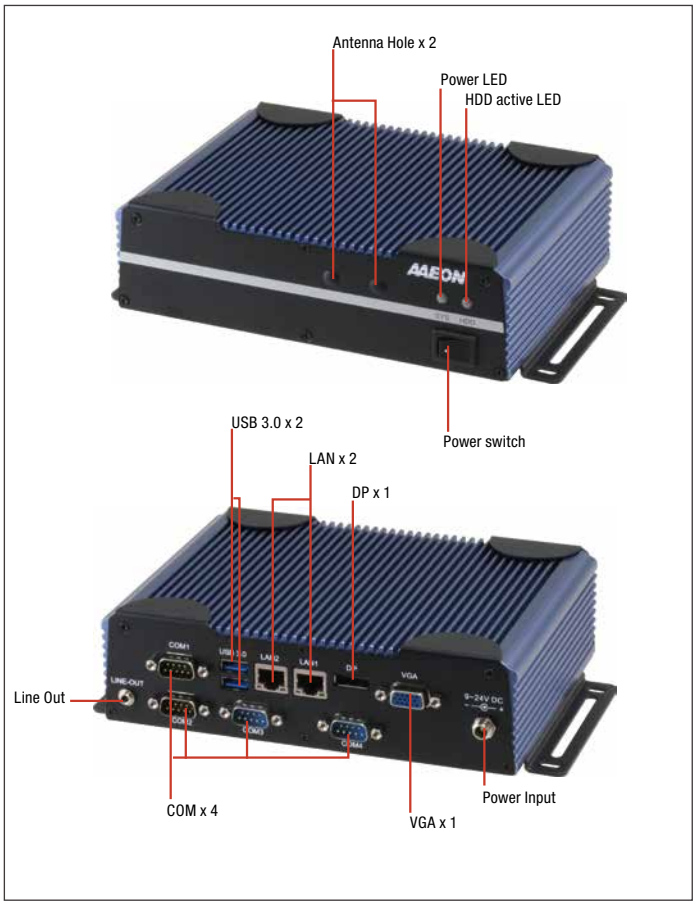
BOXER-6638U

Fanless Embedded Box PC with 5th Generation Intel® Core™ i3 Processor SoC



Features

- **Onboard 5th Generation Intel® Core™ i Series ULT Processor SoC**
- **Easy to Access Key Components**
- **Fanless System Design to Operate in -20°C ~ 60°C**

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DDR 3L | Giga LAN | USB 2.0 | USB 3.0 | PCI Express | CE | FC

Specifications

CPU		Intel® 5th Generation Core™ i Series ULT Processor SoC
Chipset		SoC
System Memory		204-pin SODIMM DDR3L 1600 MHz, up to 8 GB
Display Interface	VGA	VGA x1
	DVI	—
	HDMI	—
	Others	DP x 1
Storage Device	CF/CFast™	—
	HDD/SSD	2.5" Drive bay x 1
Network	LAN	—
	Wireless	—
Front I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	—
Rear I/O	USB Port	USB type A x 2 for USB 3.0
	LAN	—
	Serial Port	DB-9 x 2 for RS-232 DB-9 x 2 for RS-232/422/485
	DIO	—
	Audio	Audio jack x 1 for Line-out
	KB/MS	—
	Others	Power switch x 1
Expansion		Full-size Mini-Card and SIM slot x 1 (optional for mSATA) Half-size Mini-Card x 1
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement		DC-in 9-24 V
Power Consumption		—

System Cooling		Passive
Mounting		Wallmount
Operating Temperature		-20°C ~ 60°C According to IEC60068-2, 0.5m/s air flow
Storage Temperature		-45°C ~ 80°C
Anti-Vibration		5 Grms/ 5 ~ 500Hz/ operation – mSATA & SSD 1 Grms/ 5~ 500Hz/ operation – HDD
Anti-Shock		50 G peak acceleration (11 msec. duration) – mSATA & SSD 20 G peak acceleration (11 msec. duration) – HDD
MTBF (Hours)		—
Certification	EMC	CE/FCC class A
	Safety	—
	Others	—
Dimension (W x H x D)		7.76" x 5.63" x 2.17" (197mm x 143mm x 55mm)
Gross Weight		—
Net Weight		—
OS Support		Windows® 7, Windows® 8/8.1, Windows® 10, Linux Fedora

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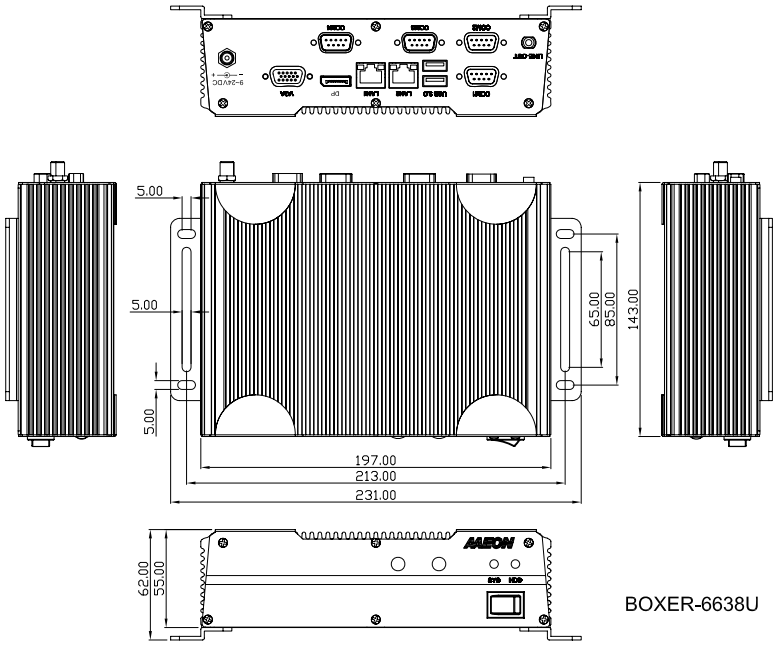
Note: All specifications are subject to change without notice.

BOXER-6638U

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Stogare	Display	Expansion	Mounting	Power	Temp.
BOXER-6638U-A1M-1010	Intel® Core i3-5010U	—	2	2	2	2	HDD/SSD	VGA x 1 DP x 1	Full-size Mini-Card and SIM slot x 1 (optional for mSATA) Half-size Mini-Card x 1	Wallmount	DC 9-24V	-20°C ~ 60°C According to IEC60068-2, 0.5m/s air flow

Packing List

- **BOXER-6638U x 1**
- **Wallmount Bracket x 2**
- **Screw Package x 1**
- **Product DVD with User's Manual (in pdf) and Drivers x 1**

Optional Accessories

- **1255300607**
  Power Adapter, AC, 60W
- **1702031802**
  Power Cord (US Type)
- **1702031803**
  Power Cord (Europe Type)
- **170203180E**
  Power Cord (Japan Type)

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