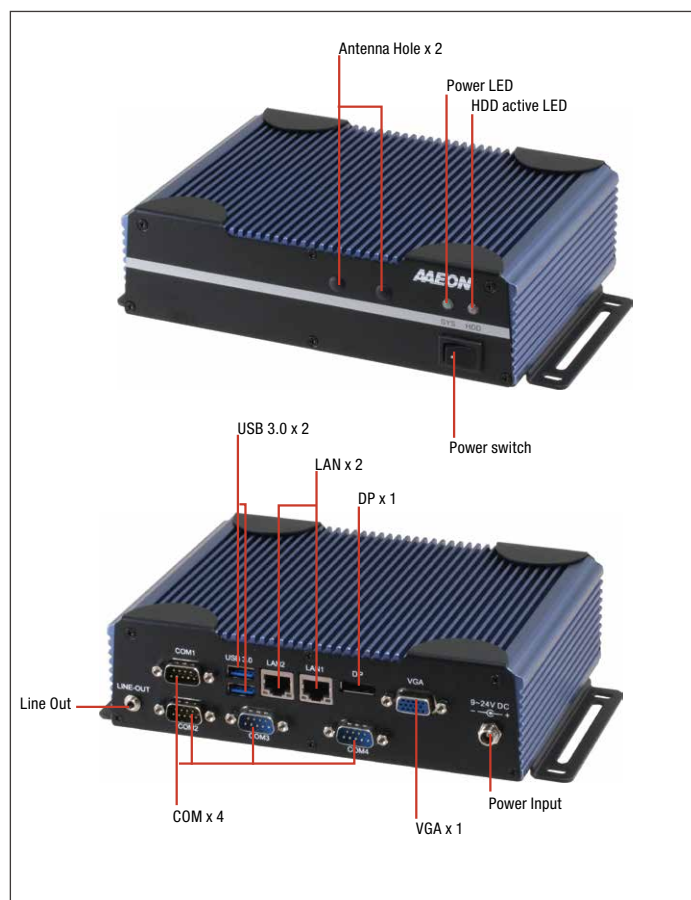


Fanless Embedded Box PC with 5th Generation Intel® Core™ i3 Processor SoC



Features

- U-Series CPU: Intel® Core i3-5010U
- Good for Industrial Use with 4 COM Ports
- Wide Temperature Support: -20°C ~ 60°C
- Wide Voltage Support: 9 - 24 V



Specifications

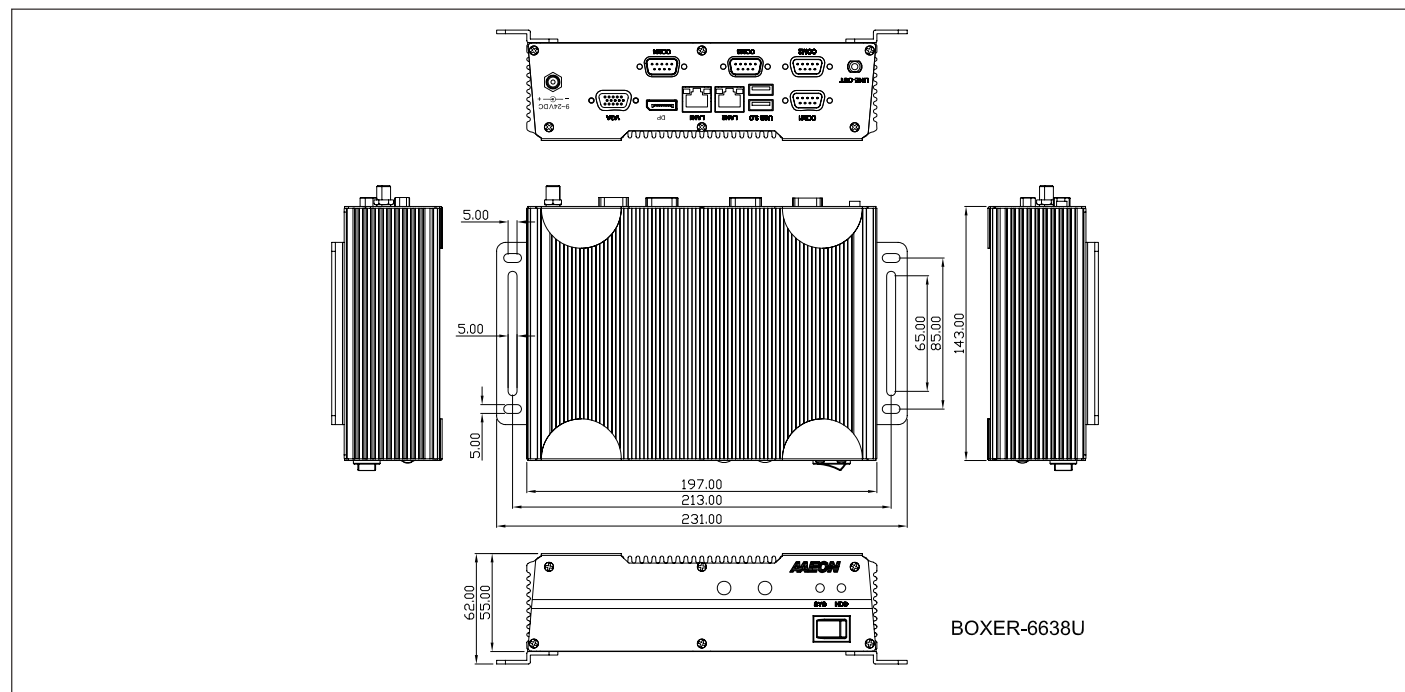
CPU		U-Series CPU: Intel® Core i3-5010U
Chipset		SoC
System Memory		204-pin SODIMM DDR3L 1600 MHz, up to 8 GB
Display Interface	VGA	VGA x1
	DVI	—
	HDMI	—
	Others	DP x 1
Storage Device	CF/CFast™	—
	HDD/SSD	2.5" Drive bay x 1
Network	LAN	Intel® WGI211AT x 1/ WGI218LM x 1, RJ-45 x 2
	Wireless	—
Front I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power switch x 1, Power LED, HDD Active LED, Antenna holes x2
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 input
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

BOXER-6638U

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	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)