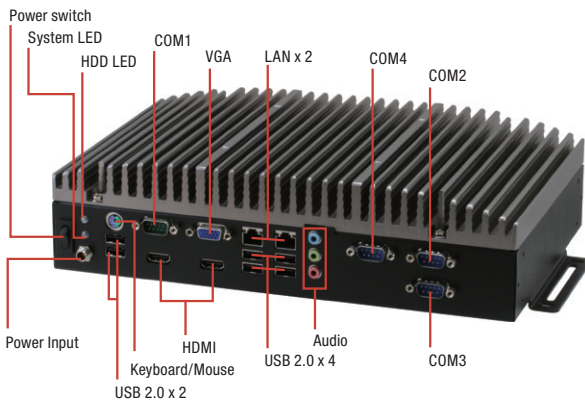


Compact Fanless BOX PC Solutions
Fanless Embedded Box PC with Intel® Core™ i Series Processor

Front View



Rear View



Features

- LGA1155 Socket Supports Desktop Intel® Core™ i Series Processor (Max. 55W)
- Intel® H61 Chipset
- HDMI Video Output x 2
- Easy to Install CPU & Memory & HDD By 4 Screws Only
- Compact Size
- Cost-Effective Design
- Fanless System Design

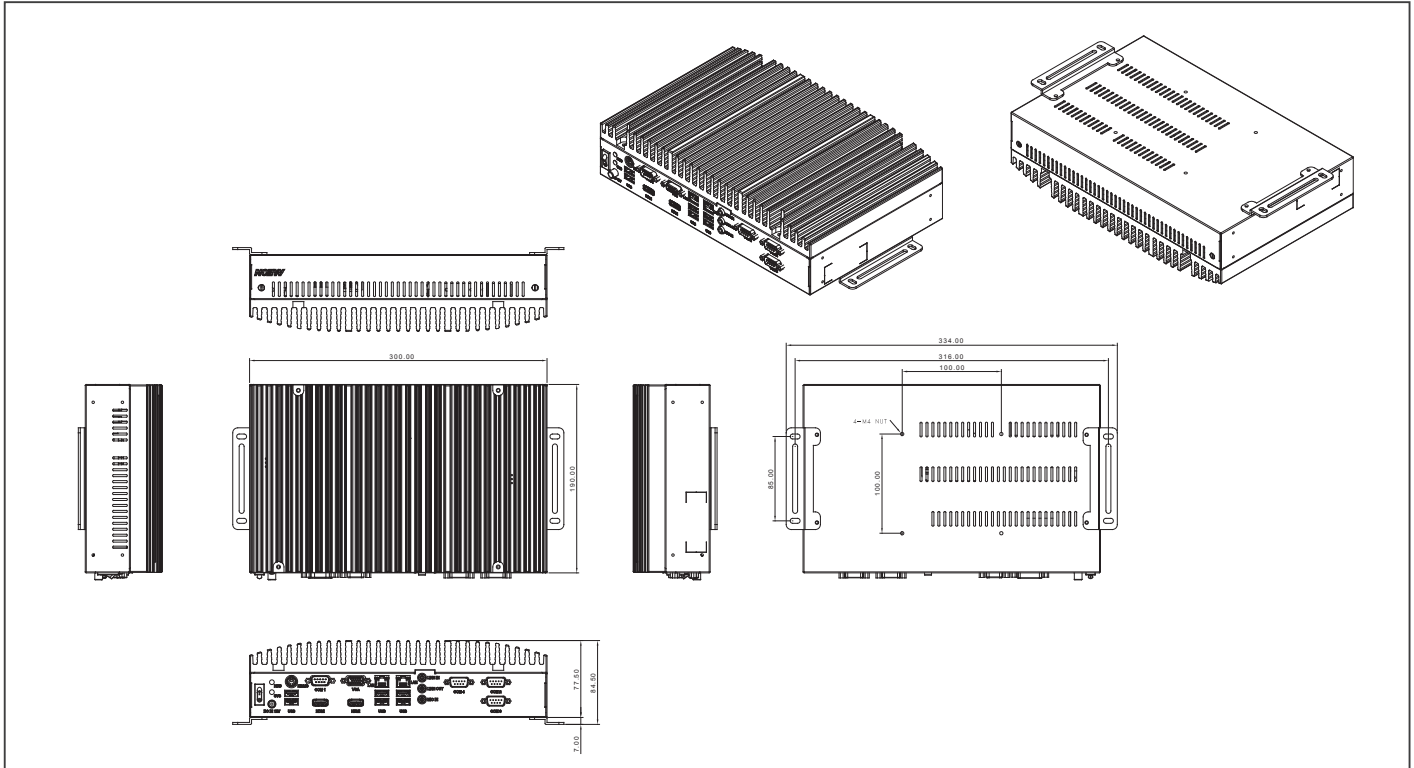


Specifications

System	
CPU	Intel® Pentium® G540, 2.50 GHz Intel® Pentium® G850, 2.90 GHz Intel® Core™ i3-2120, 3.30 GHz Intel® Core™ i3-3220, 3.10 GHz
Chipset	Intel® H61
System Memory	DDR3 800/1066 SODIMM x 1, up to 16 GB
Display Interface	VGA, HDMI
Storage Device	HDD/SSD
Ethernet	Realtek RTL-8111E, 10/100/1000Base-TX x 2
I/O	RS-232/422/485 x 1 RS-232 x 3 USB 2.0 x 6 VGA x 1 HDMI x 2 Line-in x 1 Line-out x 1 Mic-in x 1 LAN x 2 Antenna holes x 2 Power switch Power input
Expansion	Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot)
Indicator	Power LED HDD active LED
OS support	Windows® 8.1(32/64-bit), Windows® 7 (32/64-bit), WES8, WES7, Win XP, WES2009, Linux Fedora 15 / Kernel 2.6.38.6
Power Supply	
Power Requirement	12V with DC Jack
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	11.81" x 3.05" x 7.48" (300mm x 77.5mm x 190mm)
Gross Weight	12.98 lb (5.9 kg)
Net Weight	8.8 lb (4.0 kg)
Environmental	
Operating Temperature	23°F ~ 113°F (-5°C ~ 45°C) with W.T. HDD (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices)
Storage Temperature	14°F ~ 140°F (-10°C ~ 60°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	1 Grms/ 5~ 500Hz/ operation - HDD
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	AUDIO	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
AEC-6646-B1-1011	—	—	2	6	3	1	Audio jack x 3 for Mic-in / Line-out / Line-in	2.5" SATA HDD bay x 1	—	VGA x 1 HDMI x 2	Mini-Card x 1	Wallmount	DC 12V	23°F ~ 113°F (-5°C ~ 45°C) with W/T HDD (with Airflow) with industrial grade device (according to IEC68-2-14)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad (60mm x 12.5mm x 3mm) x 1
- Product DVD
- AEC-6646B

Optional Accessories

- **1255900842**
Power Adapter (84W), Output: DC 12V 7A
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)