

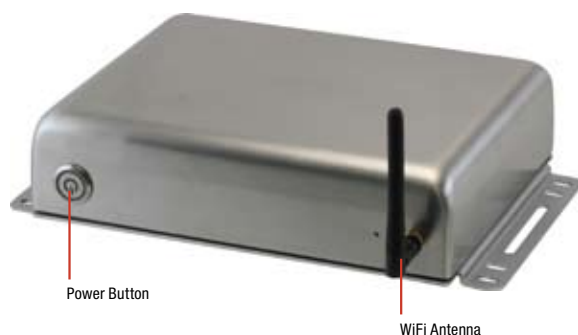
AEC-6511

IP-67 Water-Proof Fanless Embedded Controller With Intel® Atom™ N270 Processor

Front View



Rear View



I/O View



Features

- Intel® Atom™ N270 1.6 GHz Processor
- Water, Dust & Corrosion Proof
- Anti-Shock & Vibration Structure
- Washable IP-67 Water Proof Protection
- Stainless Steel Chassis With Water Proof I/O Connector
- Memory, CompactFlash™, HDD Must Be Industrial Grade



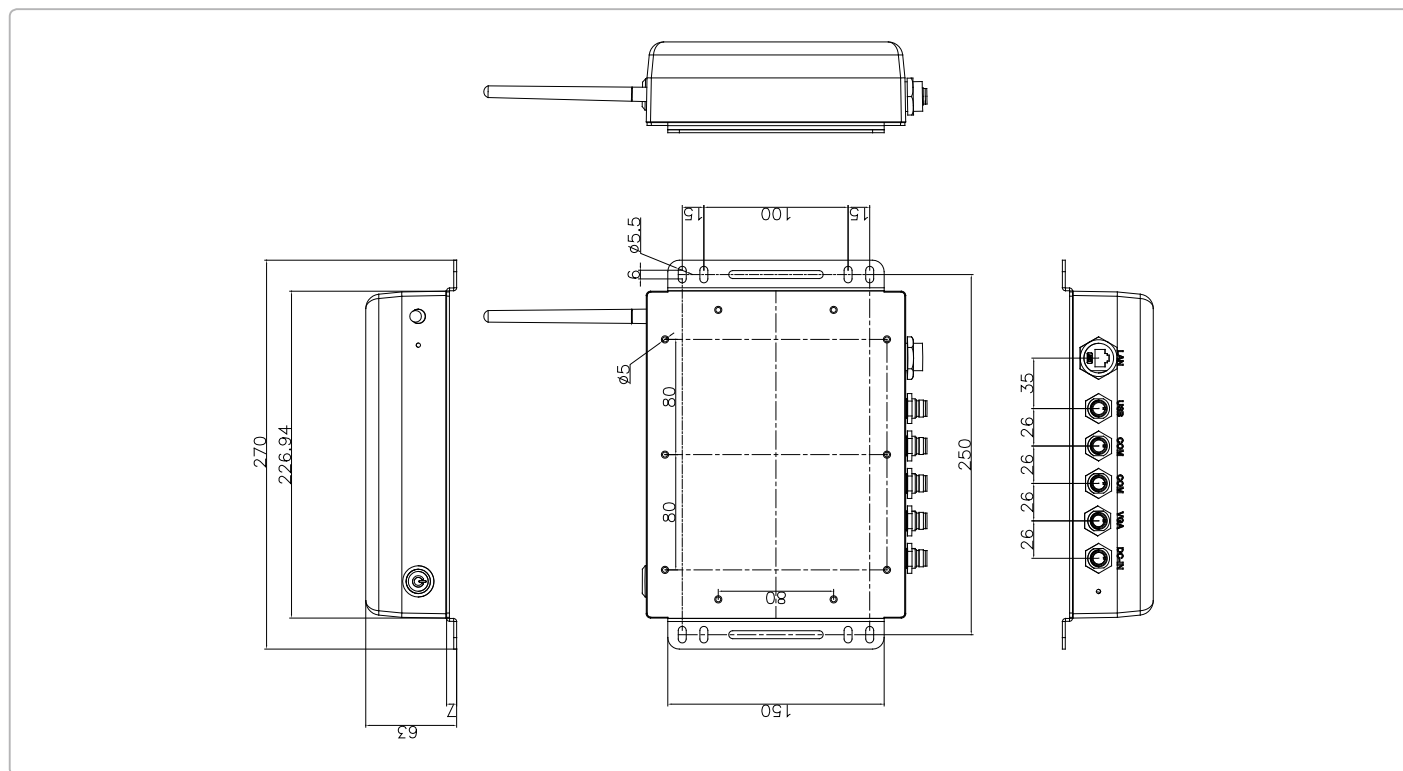
Specifications

CPU	Intel® Atom™ N270 1.6GHz
Chipset	Intel® 945GSE + ICH7M
System Memory	DDR2 SDRAM SODIMM x 1, Max. 2 GB
Display Interface	VGA DB-15 x 1, shared system memory up to 224MB/ DVMT 3.0
	DVI —
	Others —
Storage Device	SSD CompactFlash™ Slot
	HDD 2.5" SATA 1.5Gb/s Slim Hard Disk Drive Bay
Network	LAN Gigabit Ethernet, RJ-45 x 1
	Wireless Optional by Mini Card
Front I/O	USB Port USB2.0 x 2
	LAN RJ-45 x 1
	Serial Port RS-232 x 1, RS-232/422/485 x 1
	DIO —
	Audio —
	KB/MS —
	Others Power input x 1
Rear I/O	USB Port —
	LAN —
	Serial Port —
	DIO —
	Audio —
	KB/MS —
	Others Power switch x 1
Expansion	PCIe [x1] —
	PCI —
	Mini Card 1
	Mini PCI 1
	Others —
Indicator	Front —
	Rear —
Power Requirement	DC-in 12 V input
Power Consumption	Intel® Atom™ N270 1.6GHz, 1.12A @ 12V
System Cooling	Passive Cooling
Mounting	Wallmount
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Anti-Vibration	5g rms/ 5 ~ 500Hz/ operation – CFD 1g rms/ 5 ~ 500Hz/ operation – HDD
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD
MTBF	60,000 hours
Certification	EMC CE /FCC Class A
	Safety —
Dimension (W x H x D)	13.23" x 11.57" x 10.24" (336mm x 294mm x 260mm)
Gross Weight	6.4 lb (2.9 kg)
Note	Windows® XP Embedded, Windows® XP, Windows® 7, Linux Centos 6.0-2.6.32 Support

AEC-6511

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6511-A1-1010	Intel® Atom™ N270 -1.6GHz	—	1	2	1	1	CF kit X 1	—	VGA x 1	mini-PCI x 1, Mini Card x 1	Wall mount	DC-12V	-20°C~50°C (w/o air)
TF-AEC-6511-A2-1010	Intel® Atom™ N270 -1.6GHz	—	1	2	1	1	HDD Kit x 1	—	VGA x 1	mini-PCI x 1, Mini Card x 1	Wall mount	DC-12V	-20°C~50°C (w/o air)
TF-AEC-6511-A3-1010	Intel® Atom™ N270 -1.6GHz	—	1	2	1	1	CF kit X 1	1 set	VGA x 1	mini-PCI x 1, Mini Card x 1	Wall mount	DC-12V	-20°C~50°C (w/o air)
TF-AEC-6511-A4-1010	Intel® Atom™ N270 -1.6GHz	—	1	2	1	1	HDD Kit x 1	1 set	VGA x 1	mini-PCI x 1, Mini Card x 1	Wall mount	DC-12V	-20°C~50°C (w/o air)

Packing List

- Screw Package x 1
- CD-ROM for Manual (in PDF Format) and Drivers
- AEC-6511 (with Wallmount Brackets)

Note: A3 and A4 Versions have Cable Set

Optional Accessories

- **1709080251**
USB x 2 Cable, Waterproof, 30cm
- **1700151807**
VGA Cable, 12P M12(F) to DB-15(F), 180cm
- **1700090208**
COM Port Cable, M12 to 9 Pin (M) D-SUB, 30cm
- **1702030143**
Power Cable, M12 to 3P 5.08mm Phoenix Connector, 14cm
- **1757904002**
Power Adapter (40W), Output: DC 12V
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741651100**
WiFi Kit with 180D Water-proof Antenna
- **9741651101**
WiFi Kit with 90D Water-proof Antenna