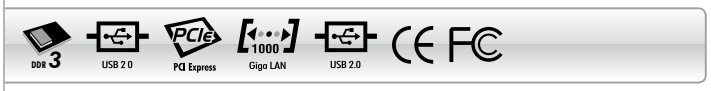
AEC-VS01

Fanless Embedded Controller With Intel® Atom™ D525 Processor

Launching in Q2

Features

- Intel Atom D525 1.8GHz Processor
- Gigabit Ethernet, RJ-45 x 2
- RS-232 x 3, RS-232/422/485 x 1
- USB2.0 x 4
- BNC Port x 2
- Digital Input/ Output x 8
- Fanless Operation
- PoE Support



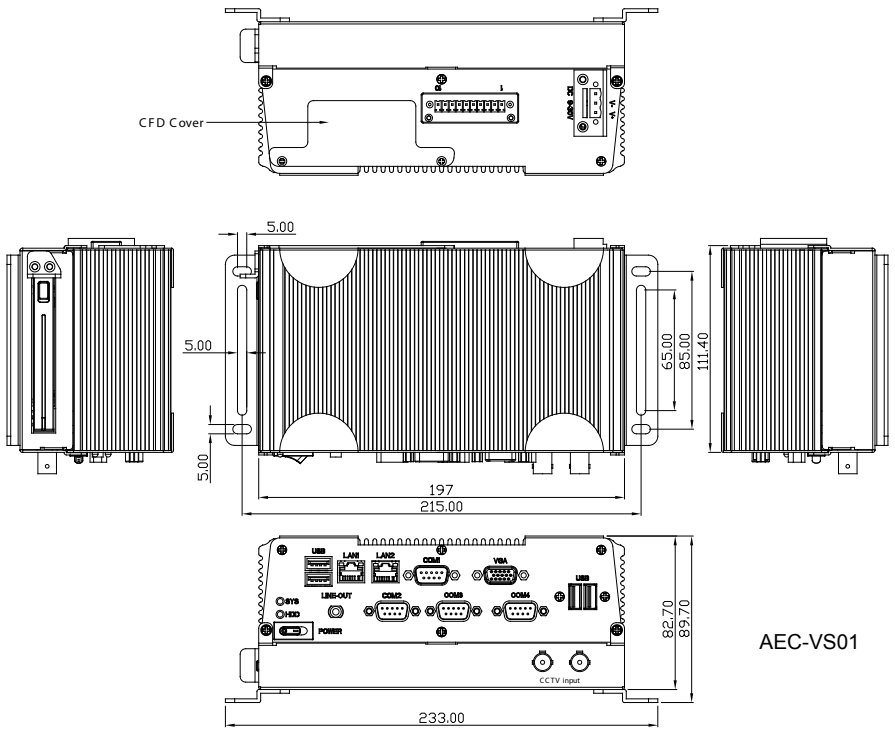
Specifications

CPU		Intel® Atom™ D525 1.8GHz
Chipset		Intel® ICH8M
System Memory		DDR3 800 SDRAM SODIMM x 2, Max.4GB
Display Interface	VGA	VGA x 1
	DVI	—
	HDMI	—
	Others	—
Storage Device	SSD	CFast™ slot x 1
	HDD	2.5" HDD x 1
	Others	—
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	Optional 3G, Wifi, GPS, BT
Front I/O	Display	DVI-I x 1
	Wireless	SIM slot x 1, antenna hole x 2
	Storage	Cfast slot x 1
	Audio	Line out phone jack x 1
	DIO	DIO (8-bit) x 1
	Others	Power Button x 1
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2, Gigabit Ethernet
	Serial port	RJ-45 x 4 (RS-232 x 3 , RS-232/422/485 x 1)
	Expansion	Mini PCIe slot x 1
	Others	BNC connector x 2
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	Half-size x 2
	Mini PCI	—
	Others	—
Indicator	Front	HDD LED x 1, System LED x 1
	Rear	—
Power Requirement		DC 9-30V
Power Consumption		—
System Cooling		Passive
Mounting		Wallmount
Operating temperature		-4°F ~ 122°F (-20°C ~ 50°C) w/o Airflow -4°F ~ 131°F (-20°C ~ 55°C) w/ Airflow
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)
Anti-Vibration		3g rms/ 5 ~ 500Hz/ operation – CFD 1g rms/ 5~ 500Hz/ operation – HDD
Anti-Shock		20G peak acceleration (11 msec. duration) – HDD
MTBF		—
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)		—
Gross Weight		—
Note		Support PoE

AEC-VS01

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.
TBD	Intel® Atom™ D525 processor	–	2	4	3	1	CFast™ kit x 1 HDD kit x 1	–	VGA x 1	Mini Card x 1	Wall mount	DC 9-30V	-20°C ~ 60°C with WT CFD -20°C ~ 56°C with wT HDD

Packing List

- **Mounting Brackets and Screws**
- **CD-ROM for Manual (in PDF Format) and Drivers**
- **AEC-VS01**

Optional Accessories

- **1757912001**
  Power Adapter (120W), Output: DC 19V
- **1702031830**
  Power Cord (US Type)
- **1702031831**
  Power Cord (European Type)
- **1702031810**
  Power Cord (Japanese Type)