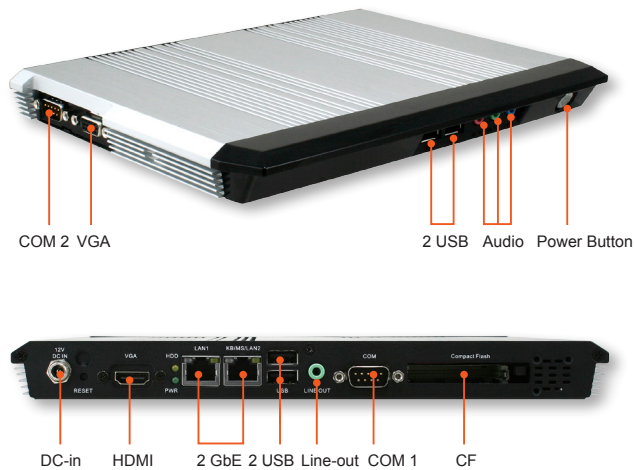




Features

- Onboard Intel® Atom™ D2550 BGA Processor
- Intel® NM10 Express Chipset
- One 204-Pin SO-DIMM Socket Up to 4GB DDR3 1066MHz SDRAM
- Rich I/O, 1 x VGA, 1 x HDMI, 1 x CF, 1 x Min-In, 1 x Line-In, 2 x Line-Out, 2 x LAN, 2 x COM, 4 x USB
- Expansion Slot Supports 2 Mini PCIe Slot
- Fanless Operating from 0 ~ 50°C
- Wide Range DC Power Input from 12 ~ 26V
- Super Slim Design, 182mm x 257mm x 25mm
- Supports VESA 75 & 100

CH4

Embedded Computing-Industrial Fanless System



Specifications

System

Board	EBM-CDV + AUX-025
Processor	Intel® Atom™ D2550 2-Core 1.86GHz processor
System Chipset	Intel® NM10 Express Chipset
System Memory	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 4 GB
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control

Expansion & Storage

Expansion	2 x Mini PCIe
Storage	1 x CompactFlash Type I/II Socket 1 x mSATA 1 x 2.5" Drive Bay

I/O

USB	4 x USB 2.0
COM Port	1 x RS-232 1 x RS-232/422/485 (Factory Optional)
Other	1 x Knockouts for Antenna Mounting

Display

Chipset	Intel® Cedarview Integrated Graphics
Resolution	VGA: 1920x1200 @ 60Hz HDMI: 1920x1200 @ 60Hz

Audio

AC97 Codec	Realtek ALC892 Supports 5.1-CH
Audio Interface	Mic-In, Line-In and 2 x Line-Out

Ethernet

LAN Chip	2 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45

Power Requirement

Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is The Default Setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

Mechanical & Environmental

Construction	Aluminum + Metal + Plastic
Mounting Kit	VESA Mount kit (Optional)
Operating Temperature	(w/SSD, mSATA, CF), ambient w/ air flow 0°C ~ 50°C (32°F ~ 122°F) (w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Relative Humidity	0% ~ 90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
Dimension (W x D x H)	7.2" x 10.1" x 1.0" (182mm x 257mm x 25mm)

Certification & Software Support

Certification	CE, FCC Class A
OS Information	Win 7, Win XP, Linux

Ordering Information

ASM-CDV-255-A1-1R

Intel® Atom™ Processor D2550 Fanless Ultra Slim System with Intel® NM10 Chipset

ACC-EPC-VESA-2R

VESA Mount kit