



Features

- Onboard Intel® Atom™ D2550 1.86GHz CPU
- Intel® NM10 Express Chipset
- One 204-pin DDR3 SODIMM Socket Up to 4GB DDR3 800/ 1066 SDRAM
- Dual View, VGA and HDMI
- 5.1-CH Audio, Dual Intel® Gigabit Ethernet
- 1 CF, 1 SATA, 2 COM, 5 USB
- VESA Compliance

Intel® NM10	Dual View	HDMI	5.1-CH Audio	2 GbE
CF	2 COM	5 USB	VESA	Fanless

Specifications

System

• Board	ECM-CDV
• CPU	Onboard Intel® Atom™ D2550 1.86GHz CPU
• BIOS	AMI 16Mbit SPI BIOS
• System Chipset	Intel® NM10 Express Chipset
• I/O Chip	Nuvoton W83627DHG-P
• System Memory	One 204-pin DDR3 SODIMM Socket Up to 4GB DDR3 800/ 1066 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Hard Disk	1 x 2.5" SATA HDD/ SSD
• Watchdog Timer	Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control

External I/O

• COM Port	1 x RS-232, 1 x RS-232/ 422/ 485 (Setting by Jumper & BIOS)
• LAN Port	2 x RJ-45
• Antenna	2 Knockouts for Antenna Mounting (Options to Add WiFi & 3G)
• VGA	1 x VGA
• Audio Port	Mic-in, Line-in, Line-out
• USB Port	5 x USB 2.0 (Rear 4; Front 1)
• Expansions	1 x Mini-PCIe (mSATA Supported)

Display

• Chipset	Intel® Cedarview Integrated Graphics
• Resolution	CRT Mode: 1920 x 1200 @ 60Hz

Audio

• AC97 Codec	Realtek ALC892 Supports 5.1-CH Audio
• Audio Interface	Mic-in, Line-in, Line-out

Ethernet

• LAN Chip	2 x Intel® 82574L Gigabit Ethernet
• Ethernet Interface	10/ 100/ 1000 Base-Tx Gigabit Ethernet Compatible

Environment & Mechanical

• Power Requirement	+12 ~ +26Vdc (+12V/ 5A Lockable DC Plug Adapter is an Accessory to This System)
• ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
• Power Type	AT/ ATX (ATX is The Default Setting)
• Operating Temperature	0 ~ 50°C (32 ~ 122°F) (w/ CF & SSD), Ambient w/ Air Flow 0 ~ 40°C (32 ~ 104°F) (w/ HDD), Ambient w/ Air Flow
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Relative Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Dimension (W x D x H)	7" x 4.4" x 2.0" (178mm x 112mm x 50mm)
• Weight	2.7lbs (1.2Kgs)
• Mounting	VESA Compliance

Ordering Information

- **EPC-CDV-255-A1-1R**
Fanless Intel® Atom™ D2550 Tiny Box PC with Intel® NM10 Express Chipset
- **ACC-EPC-VESA-2R**
EPC series LCD VESA kit (RoHS)
- **ACC-EPC-DINRACK-1R**
EPC series Din-Rack
- **ACC-EPC-WIFIUSB-1R**
EPC series USB WiFi Module
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 2, 4, 8, 16, 32GB)