



Features

- Onboard Intel® Atom™ D2550 1.86GHz CPU (Optional N2800/ N2600 CPU)
- Intel® NM10 Express Chipset
- One 204-pin DDR3 SODIMM Socket, Supports Up to 4GB DDR3 800/ 1066 SDRAM
- HDMI, VGA, Dual-channel 18/ 24-bit LVDS
- 7.1-CH Audio, Dual Intel® Gigabit Ethernet
- 1 CF, 1 SATA, 2 COM, 7 USB, 16-bit GPIO
- 1 x Mini-PCle (mSATA Supported)
- Optional Built-in Touch Screen Interface

Specifications

System

• CPU	Onboard Intel® Atom™ D2550 1.86GHz CPU (Optional N2800/ N2600 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, Supports Up to 4GB DDR3 800/ 1066 SDRAM for Intel® Atom™ D2550/2800 and Max.2GB for Intel® Atom™ N2600.
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control
• Expansion	1 x Mini-PCle (mSATA Supported)

I/O

• MIO	1 x RS-232, 1 x RS-232/ 422/ 485, LPC, 1 x SATA
• USB	7 x USB 2.0
• DIO	8-bit GPI, 8-bit GPO

Display

• Chipset	Intel® Cedarview Integrated Graphics
• Resolution	CRT Mode: 1920 x 1200 @ 60Hz LCD/ Simultaneous Mode: D2550: 1920 x 1080 @ 60Hz (Through eDP) N2800/ N2600: 1366 x 768 @ 60Hz (Through eDP)
• Multiple Display	CRT + LVDS, HDMI + LVDS, CRT + HDMI
• LCD Interface	Dual-channel 18/ 24-bit LVDS (with eDP)

Built-in Touch Screen (Optional)

• Chipset	PenMount 6000
• Touch Screen Interface	With 9-pin 2.0mm Box Header (Can be Selected to Support 4/ 5/ 8-wire Touch Screen, Share with USB6)

Audio

• HD Codec	Realtek ALC892 Supports 7.1-CH Audio
• Audio Interface	High Definition Audio

Ethernet

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

Mechanical & Environmental

• Power Requirement	+12V ~ +26V
• ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
• Power Type	Single Power AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-20 ~ 80°C (4 ~ 176°F)
• Operating Humidity	0%~90% Relative Humidity, Non-condensing
• Size (L x W)	5.7" x 4" (146mm x 101mm)
• Weight	0.44lbs (0.2kg)

Ordering Information

- ECM-CDV
Intel® Atom™ D2550 3.5" Micro Module with Intel® NM10 Express Chipset
- ACC-CF-xx
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

- 1 Embedded System
- 2 Qseven Module
- 3 ETX/XTX COM Express
- 4 3.5" SBC
- 5 EPIC
- 6 5.25" SBC
- 7 ATX
- 8 Micro ATX
- 9 Mini ITX
- 10 Nano ITX
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