



Intel® CDV-M  
N2600 1.6GHz or  
N2800 1.86GHz  
CPU

### Features

- Onboard Intel® Cedarview-M N2600/ N2800 CPU
- Intel® NM10 Express Chipset
- Onboard DDR3 1066, Up to 2GB DDR3 1066 SDRAM
- Intel® Gigabit Ethernet
- VGA Interface Onboard; HDMI to Carrier Board
- Single-channel 18-bit LVDS to Carrier Board
- 2 SATA, 8 USB 2.0, LPC, 3 PCIe1
- Fanless Operation



### Specifications

#### System

• CPU	Onboard Intel® CDV-M N2600 1.6GHz or N2800 1.86GHz CPU
• BIOS	AMI 8Mbit SPI BIOS
• System Chipset	Intel® NM10 Express Chipset
• System Memory	Onboard DDR3 1066, Up to 2GB DDR3 1066 SDRAM
• Watchdog Timer	Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control
• Expansion	LPC, SMBus, HD Audio I/F

#### I/O

• MIO	2 x SATA Ports to Carrier Board
• USB	8 x USB 2.0 Ports to Carrier Board
• External I/O Connector	Qseven Spec 1.2 Connector for Expansions

#### Display

• Chipset	Intel® Cedarview Integrated Graphics
• Resolution	CRT Mode: 1920 x 1200 @ 60Hz LCD/ Simultaneous Mode : 1366 x 768 @ 60Hz (CDV-M)
• Multiple Display	CRT + LVDS, HDMI + LVDS, CRT + HDMI
• LCD Interface	Single-channel 18-bit LVDS to Carrier Board

#### Ethernet

• LAN Chip	1 x Intel® 82574L Gigabit Ethernet
• Ethernet Interface	10/ 100/ 1000 Base-Tx Gigabit Ethernet Compatible

#### Mechanical & Environmental

• Power Requirement	+5V
• ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
• Power Type	Qseven Power Spec
• 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)	2.8" x 2.8" (70mm x 70mm)
• Weight	TBD

### Ordering Information

- EQM-CDV  
Intel® Cedarview Q7 Module with Intel® NM10 Express Chipset