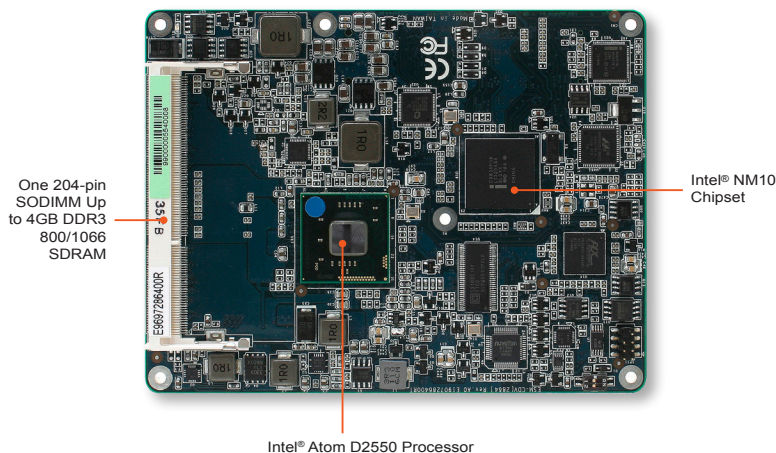




Features

- Intel® Atom™ D2550 Processor (N2800 and N2600 for Optional)
- Intel® NM10 Chipset
- One 204-pin SODiMM Sockets Up to 4GB DDR3 800/1066 SDRAM
- Dual-channel 18/24-bit LVDS
- Intel® High Definition Audio
- Intel® 82574L Gigabit Ethernet
- 4 PCIe1, 2 PCI, LPC, SMBUS
- 2 SATA, 1 PATA, 8 USB, 8-bit GPIO
- Type 2 Pin-out



Specifications

System

CPU	Intel® Atom D2550 Processor (N2800 and N2600 for Optional)
BIOS	AMI 16Mbit SPI BIOS
System Chipset	Intel® NM10
System Memory	One 204-pin SODiMM Sockets Support Up to 4GB DDR3 800/1066 SDRAM
Expansion	4 x PCIe1, 2 x PCI

I/O

MIO	2 x SATA, 1 x PATA, LPC, SMbus/I ² C Bus
USB	8 x USB 2.0
DIO	4-bit GPI and 4-bit GPO

Display

Chipset	D2550/N2800/N2600 Integrated Graphics One CH-7511B Onboard
Resolution	VGA Mode: 1920 x 1200 LVDS Mode: 1920 x 1080 (D2550) 1920 x 1080 (N2600/N2800)
LVDS Interface	Dual-channel 24-bit LVDS



Audio

Chipset	Intel® NM10 Integrated
Interface	Intel® High Definition Audio

Ethernet

LAN	Intel® 82574L Gigabit Ethernet Controller
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

Power Requirement	+9 ~ +19V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT/ATX
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Size (L x W)	5" x 3.7" (125mm x 95mm)
Weight	0.44lbs (0.2kg)

Ordering Information

ESM-CDV
Intel® Atom™ D2550 COM Express Module with Intel® NM10 Chipset
EEV-EX13
COM Express Carrier Board for Evaluation