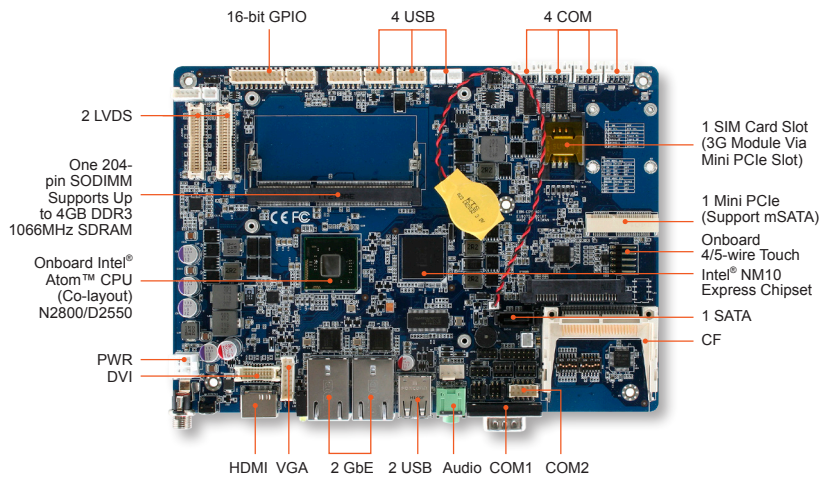




Features

- Onboard Intel® Atom™ D2550 BGA Processor
- One 204-Pin SO-DIMM Supports Up to 4GB DDR3 1066MHz SDRAM
- Dual View, 2-CH 18/24-bit LVDS, HDMI
- 5.1-CH Audio, Dual Intel® 82574L Gigabit Ethernet
- 1 x SATA, 6 x COM, 8 x USB 2.0, 16-bit GPIO
- 1 x Mini PCIe Port (Support mSATA)
- 1 x SIM Card Slot (3G Module Via Mini PCIe Slot)



Specifications

System

Processor	Intel® Atom™ D2550 2-Core 1.86GHz processor Intel® Atom™ N2800 2-Core 1.86GHz processor
BIOS	AMI 16Mbit SPI BIOS
System Chipset	Intel® NM10 Express Chipset
I/O Chip	E/C IT8518E
System Memory	1 x 204-Pin DDR3 1066MHz SO-DIMM Up to 4GB
Watchdog Timer	Reset: 1 ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control

Expansion & Storage

Expansion	1 x Mini PCIe
Storage	1 x CompactFlash Type I/II Socket

I/O

USB	8 x USB 2.0
SATA	1 x SATA II
COM Port	2 x RS-232/422/485 4 x RS-232
Other	1 x SIM Card Slot (3G Module Via Mini PCIe Slot)
DIO	1 x 16bit GPIO
MIO	1 x LPC 1 x SPI

Display

Chipset	Intel® Cedarview Integrated Graphics
Resolution	VGA: 1920 x 1200 @ 60Hz LVDS: 1366 x 768 @ 60Hz CRT + LVDS, HDMI + LVDS, CRT + HDMI LVDS: 1400 x 900 @ 60Hz (CDV-D), Dual-channel 18/24-bit LVDS (with eDP)

Touch Screen Interface

Chipset	EETI ETP-CP-MER4485XRU Support 4/ 5-wire
Touch Interface	USB (4), With 5-pin 2.0mm Box Header (Can be Selected to Support 4/ 5-wire Touch Screen)

Audio

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

Ethernet

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

Mechanical & Environmental

Power Requirement	+12V ~ +26V
Power Type	AT Single +12~28V Power Input/ ATX, Optional +24V Input (Inverter Still +12V Out)
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)	8" x 5.75" (203mm x 146mm)
Weight	0.55lb (0.25kg)

Certification & Software Support

Certification	CE, FCC, Class B
OS Information	Win 7, Linux

Ordering Information

EBM-CDV-D255-A1TR
5.25" W/D255/18/24bit/2LAN/6COM/1SATA