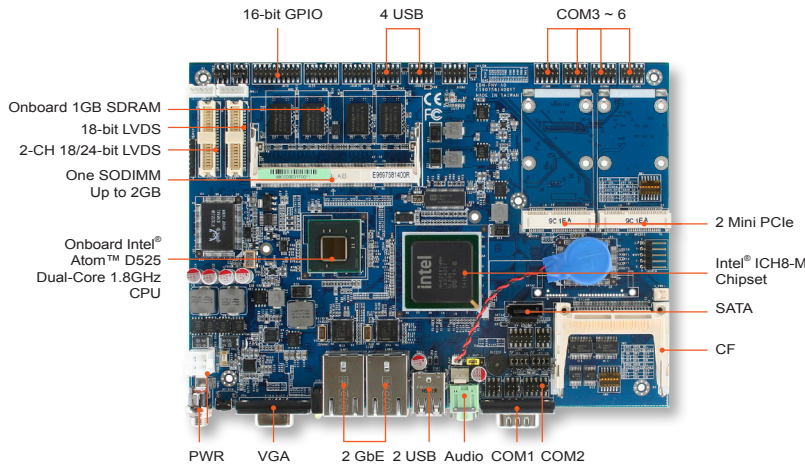




Features

- Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- +12V ~ 26V Wide Voltage Input, ErP Power
- Onboard 1GB DDR3 SDRAM & Touch Controller
- Dual View, 2 x 18/24-bit LVDS
- 5.1-CH Audio, 2W Amplifier
- 2 Intel® 82574L Gigabit Ethernet (Optional 1 PS/2)
- 1 CF, 2 Mini PCIe Slots, Support Mini Card DOM
- 1 SATA, 1 LPT, 6 COM, 7 USB, 16-bit GPIO
- Over Current & Surge Protection
- Power-on Timer



Embedded System

Qseven Module

COM Express /ETX/XTX

3.5" SBC

EPIC

5.25" SBC

ATX

Micro ATX

Mini ITX

Nano ITX

Rack Mount System

Mini ITX System

Peripherals

Index



Specifications

System

CPU	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
FSB	800MHz
BIOS	AMI 8Mbit Flash BIOS
System Chipset	Intel® ICH8-M Chipset (2.4W)
I/O Chip	Nuvoton W83627DHG
System Memory	Onboard 1GB Up to 2GB DDR3 SDRAM & One 204-pin SODIMM Supports Up to 4GB DDR3
SSD	One CompactFlash Type I/II Socket
Watch Dog 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	Two Mini PCIe Slots (One Supports Mini Card DOM)

I/O

MIO	1 x SATA, 1 LPT (Option), 2 x RS-232/422/485, 4 x RS-232 (Option), 1 x K/B & Mouse (Option)
USB	7 x USB 2.0
DIO	16-bit General Purpose I/O for DI and DO 8-bit Parallel Port Data

Display

Chipset	Intel® Pineview™ Integrated, Gen3.5 + GFX Core @ 400MHz
Resolution	CRT Mode : Up to 2048 x 1536 @ 60Hz LCD/Simultaneous Mode: Up to 1366 x 768 @ 75Hz
Multiple Display	CRT + LVDS, LVDS + LVDS
LVDS	1 x 18-bit, 2 x 18/24-bit LVDS
Backlight Control	VR, PWM (Setting by BIOS)

Touch Screen Interface

Chipset	ETP-CP-S458XRU
Touch Screen Interface	With 5-pin 2.54mm Pin Header (Can be Selected to Support 4/5-wire Touch Screen)

Audio

AC97 Codec	Realtek ALC888 Supports 5.1-CH Audio
Audio Interface	Mic-in, Line-in, Line-out
Audio Amplifier	2 x 2W

Ethernet

LAN 1	Intel® 82574L PCI-E Gigabit Ethernet
LAN 2	Intel® 82574L PCI-E Gigabit Ethernet (Optional 1 x PS/2 Keyboard & Mouse)
Ethernet Interface	1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

Power Consumption	+12V @ 1.80A
Power Type	+12V ~ +26V Power Input
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Size	8" x 5.75" (203mm x 146mm)
Weight	0.55lb (0.25kg)

Ordering Information

EBM-PNV

Intel® Atom™ D525 Dual-Core 5.25" Mini Module with Intel® ICH8-M Chipset and Onboard 1GB DDR3 SDRAM, Extra SODIMM, VGA, LVDS, 1 SATA, 7 USB, 2 COM, 16-bit GPIO

ACC-CF-xx

CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)