

EPIC-CV06

Intel® Atom™ N2600 Processor Low profile EPIC With Graphics AMD HD7410M & Dual LAN



Features

- Intel® Atom™ processor N2600 + NM10
- GPU: AMD H7410M
- Dual Gigabit Ethernet
- Realtek 887 + Audio Amplifier EUA 2012A
- 2 x Mini Card, (1 x half size and 1 x full size with SIM slot)
- DC 12V (Phoenix / Lockable DC connector)

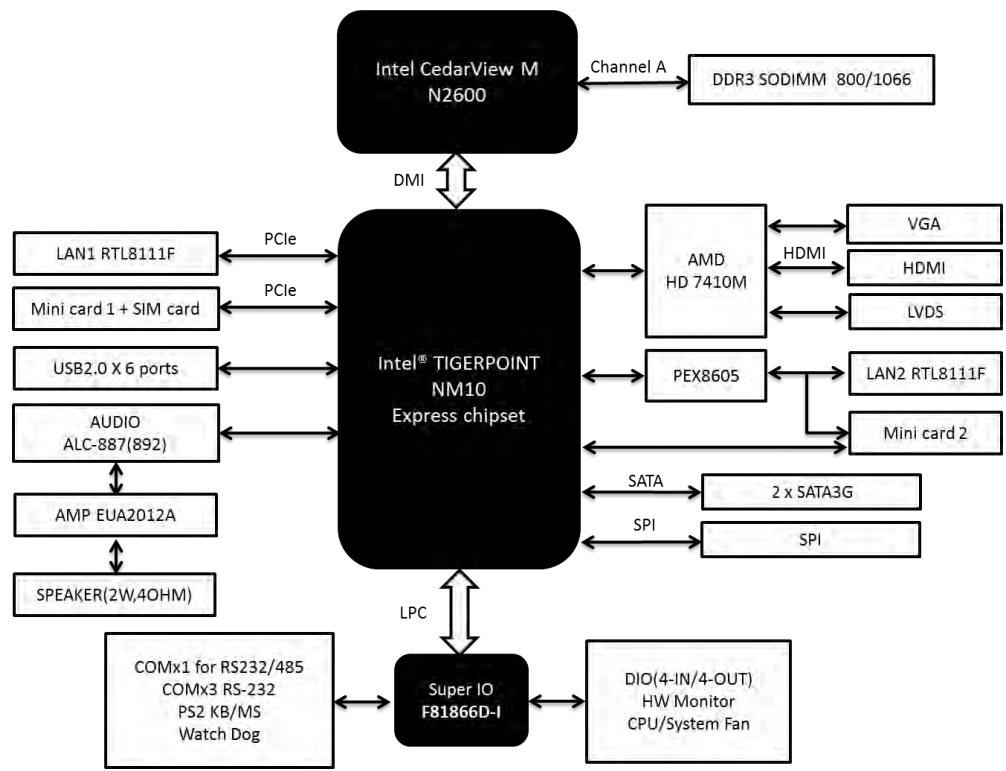
Specifications

System	
Processor	Intel® Atom™ processor N2600
Chipset	Intel® NM10
System Memory	1 x SO-DIMM, max. 2GB, DDR3 800/1066 MHz, non-ECC, un-buffered memory
Graphics	AMD HD7410M with 512MB memory
I/O Chipset	Fintek 81866D-I
Ethernet	2 x Realtek PCIe Gb LAN 8111F
Audio	1 x Realtek 887 1 x Audio Amplifier EUA 2012A
TPM	No
Expansion Interface	2 x Mini Card (1 x Full size with SIM card Interface, 1 x Half size)
BIOS	64Mbit Flash ROM, AMI BIOS
H/W Monitor	Temperature Monitor on CPU/Chassis Voltage Monitor on Vcore/5V/3.3V/12V Fan Monitor on Chassis
Watchdog Timer	1~255 step by software program
Smart Fan Control	Chassis Fan
Wake On LAN / PXE	Yes (WOL / PXE)
Power State	S3, S4, S5
Display	
Chipset	AMD HD7410M with 512M memory
Multi Display	LVDS+HDMI, VGA+LVDS, VGA+HDMI
VGA	Up to 1920 x 1200 @60 Hz
HDMI	Up to 1920 x 1200 @60 Hz
LVDS	Up to 2048 x 1536 @60Hz, 24 bit dual channel
Backlight Control	Voltage / PWM
I/O	
Storage	2 x SATA 3.0Gb/s 1 x SATA power connector
USB	6 x USB 2.0 ports (2 x mid-board, 4 x back I/O)
Display I/O	1 x LVDS, 1 x VGA, 1 x HDMI
Audio I/O	Line-out / Mic-In / SPDIF on board

	header Amplifier on board header HDMI Support Audio
LAN I/O	2 x RJ-45
Serial Port	3 x RS-232, 1 x RS-232/485 supports 5V/12V
Parallel Port	No
PS/2 Port	1 x keyboard / Mouse on board connector
DIO	8-bit Digital I/O interface (4-in /4-out)
FAN	1 x Chassis Fan connector(s) (4-pin)
Power	
Battery	Lithium battery
Power Requirement	1 x DC connector at back I/O 1 x onboard 2 pin Power connector
Power Compliance	Compliant with EuP / ErP
Environmental	
Operating Temperature	14~131°F (-10~55°C)
Operating Humidity	0% ~ 90% RH, non-condensing
Certificate	CE & FCC
Mechanical	
Form Factor	EPIC Form Factor, 4.53"x6.5" (115mmx165mm)
Gross Weight	0.955 lb (0.433 Kg)
Operating System	
MS Windows	Windows XP 32/64 bit (optional) Windows 7 32/64 bit Windows 8 32/64 bit (64 bit only with AMD graphics)
Linux	Fedora

■ All specifications are subject to change without notice

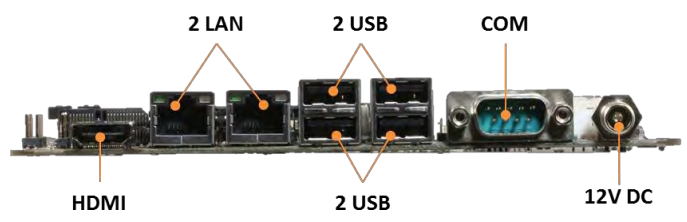
Block Diagram



I/O Ports Placement

Rear I/O Port

- 1 x HDMI
- 1 x COM (RS232/422/485)
- 2 x LAN (RJ45) port
- 2 x USB 2.0 connector (4 ports)
- 1 x Lockable DC connector (12VDC)



Internal I/O Connectors

- 1 x Full Size Mini Card slot
- 1 x Half Size Mini Card Slot
- 1 x SIM card connector
- 1 x 12V DC Power Connector (2 pin)
- 1 x 4 pin SATA power connector
- 2 x SATA connector
- 1 x USB header support additional 2 USB ports
- 1 x PS/2 Keyboard Mouse Connector (6 pin)
- 1 x LVDS connector
- 1 x LCD_POWER 5 pin connector
- 1 x 4 pin Amplifier connector
- 1 x DIO connector
- 1 x Chassis Fan connector
- 3 x RS232 pin header
- 1 x VGA pin header
- 1 x Line-out / Mic-in Pin header
- 1 x SPDIF Output Pin header
- 1 x Front Panel header

Order Information

Part Number	Type
TBD	EPIC.N2600.VGA.HDMI.LVDS.2xGbE. 4xCOM.6xUSB.2xSATA.12VDC.Rev.A1.01

Packing List

Items	Part Number
Support DVD	TBD
SATA CABLE 7P 2X180;90 500MM	TBD
SATA TO POWER CABLE 4P L:150MM	TBD