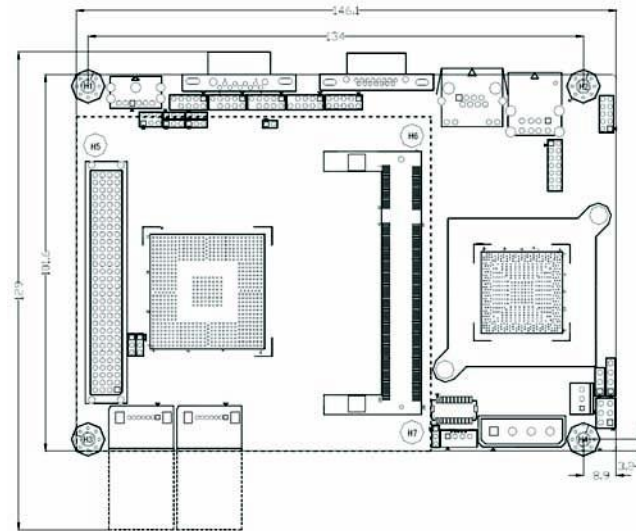
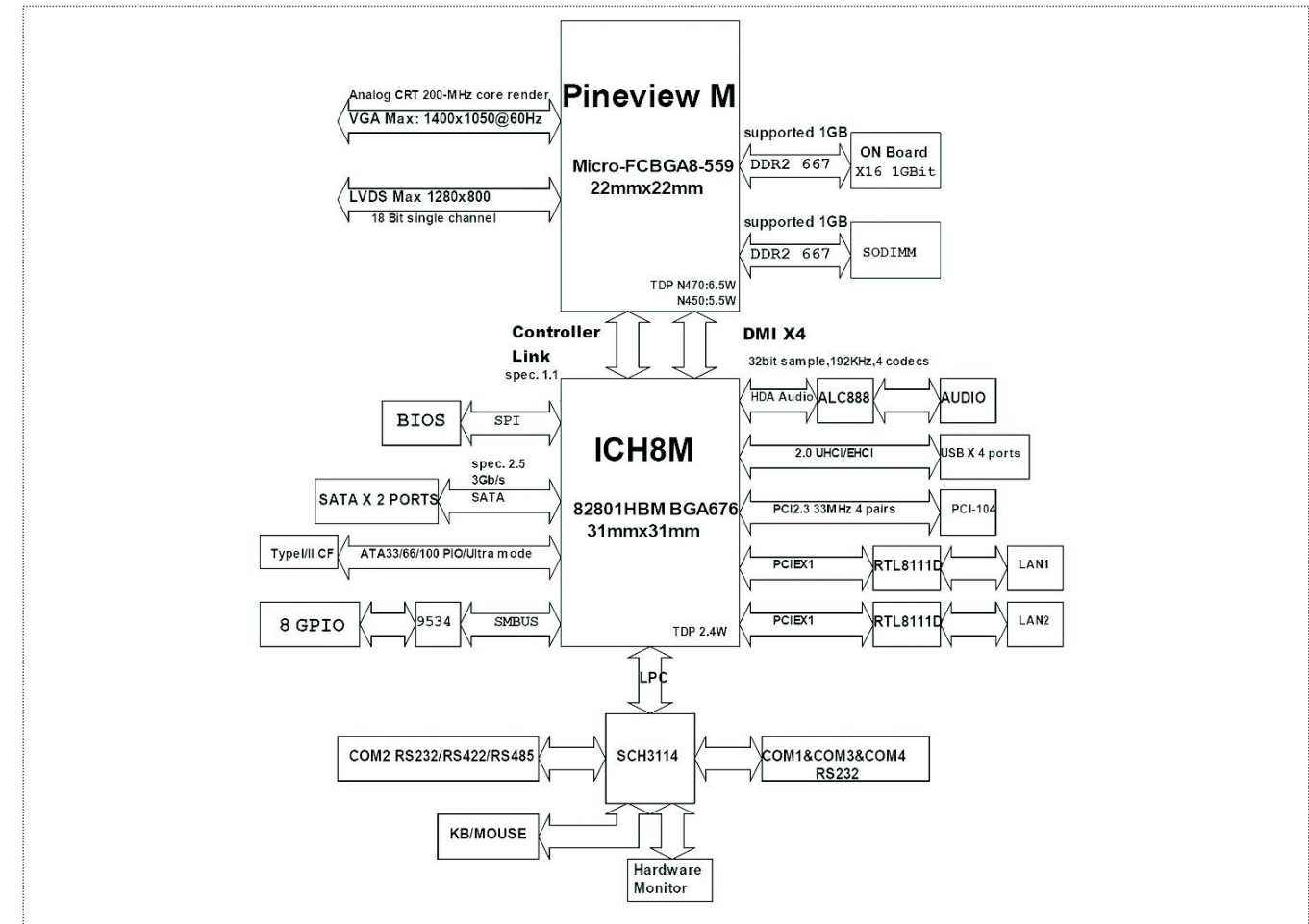


EC3-1813CLD2NA

3.5" Single board with N450 CPU/VGA/LVDS/2LAN/Audio



Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2192-012171	Driver CD	EC3-1813/VER:C00	1
2360-005031	PS/2 cable	L=250mm	1
2360-018011	SATA cable	L=300mm	1
2360-020631	Audio cable	L=200mm	1
2360-024341	LAN cable	L=300mm	1
2360-026581	USB cable	L=100mm	1
2360-027521	COM cable	L=300mm	1

Ordering Information

Part Number	Model Number	Description
0030-016381	EC3-1813CLD1NA	EVOC 3.5" single board/Onboard N450 CPU/1GB DDR2/1 x DDR2-SODIMM/VGA/LVDS(18Bit, single channel) /4 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/422/485/1 x CF socket/1 x Gigabit LAN port
0030-016391	EC3-1813CLD2NA	EVOC 3.5" single board/Onboard N450 CPU/1GB DDR2/1 x DDR2-SODIMM/VGA/LVDS(18Bit, single channel)/4 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/422/485/1 x CF socket/2 x Gigabit LAN port

Features

- Onboard Intel® Atom N450 1.66GHz CPU
- Supports onboard 1GB DDR2 memory, and 1 x DDR2 SO-DIMM Slot, up to 1GB 667 Mhz DDR2 memory
- Supports 1 x PCI-104 slot
- Supports 4 x USB2.0, 4 x COM, 2 x SATA, 8 x D/I/O, 1 x CF, 1 x PS/2
- Supports VGA, LVDS display



Specifications

System	
Processor	Onboard Intel® Atom N450 1.66GHz CPU
Chipset	ICH8M-E
Memory	Supports onboard 1GB DDR2 memory, and 1 x DDR2 SO-DIMM Slot, up to 1GB 667MHz DDR2 memory
Hardware Monitor	Monitors CPU temperature, voltage and fan speed, supporting ACPI
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	1 x PCI -104slot

Storage	
IDE	N/A
Serial ATA	2 x SATAII
Floppy	N/A
CF	1 x Compact Flash socket
DOC/DOM	N/A

I/O Interface	
USB	4 x USB2.0 Port
Serial Port	3 x RS232, 1 x RS232/422/485(com2)
Parallel Port	N/A
GPIO	4 x Digital Input, 4 x Digital Output
Audio	Intel® HDA, available interface of Speaker-out, Line-in and Mic-in
Keyboard/Mouse	1 x PS/2

Display	
Chipset	Intel® Atom N450 integrated graphics controller
Resolution	VGA mode up to 1400 x 1050@60HZ, LVDS mode up to 1280 x 800
Display port	1 x VGA port, 1 x 18bit LVDS

Ethernet	
Chipset	2 x RTL8111D
Speed	10/100/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental	
Dimensions	146mm x 102mm
Operating Temperature	-20°C~70°C
Storage Temperature	N/A
Operating Humidity	5%~95%, non-condensing

Power	
Power Supply	Single +5V power supply or ATX power supply
Power consumption	Typical power consumption 12W

Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE



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