

>> Datasheet <<

PCM-9351B



3.5 – inch motherboard with Intel® Atom™ Pineview processor

» Intel® Atom™ Pineview processor , Intel ICH8M chipset

» 2GB onboard DDR3 memory, maximum frequency 667MHz

» Supports 2 RJ45 ports (10/100/1000Mbit Ethernet)

» Supports 2 SATA , 1 PATA44 , and 1 CF

» PC104+ Bus Compatible Expansion Interface (PCI), mPCI e

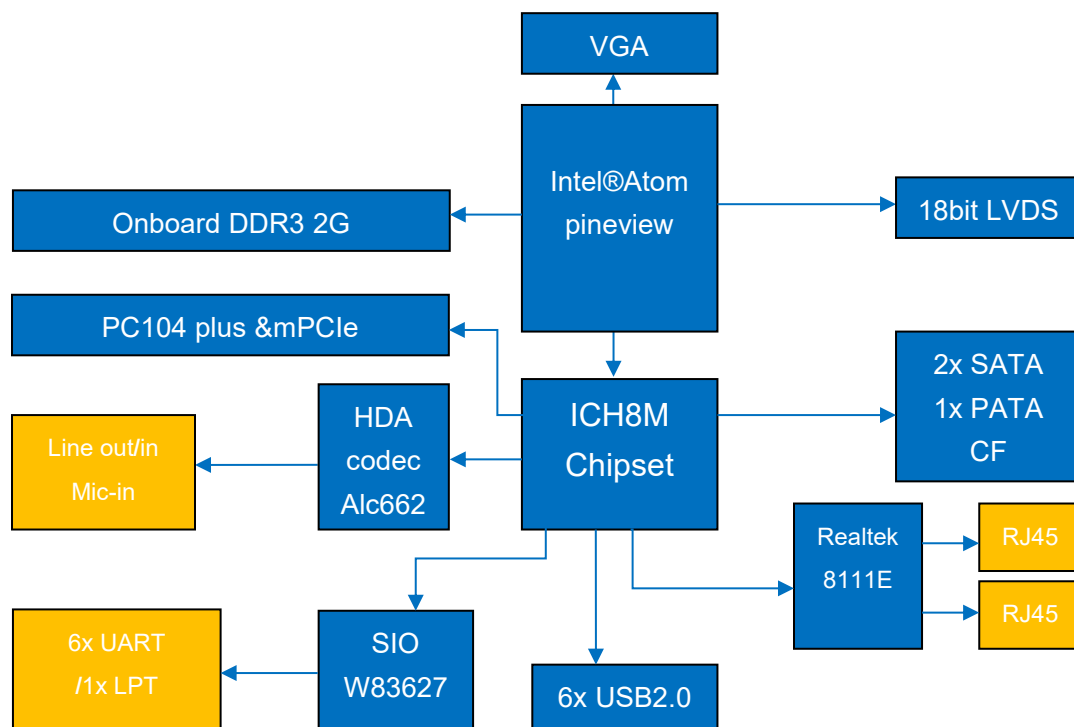
Supports 6 USB 2.0 ports , 6 RS232 ports (9 wires), and 1 LPT port .

» DC power connector with locking mechanism (Input voltage: +9V~+36V , + 12V recommended)

Operating temperature: -20°C to +75° C

Operating temperature: -40°C to +85° C (optional)

PCM-9351B Block Diagram



Technical Information	
plate type	3.5-inch motherboard
processor	Intel® Atom™ Pineview processor support: Intel® Atom™ Pineview N455 1.66GHz Single Core Intel® Atom™ Pineview D525 1.8GHz Dual - Core
Chipset	Intel® ICH8M
Memory	Supports 2GB onboard DDR3 memory , frequency : 667MHz
Graphics processing	Integrated Intel GMA3150 graphics card (DirectX 9), sharing video memory with VGA display, supporting 18-bit single-channel LVDS.
Network card	Supports 2 RJ45 ports (10/100/1000 Mb/s Ethernet)
storage	Supports 2 SATA ports, 1 PATA44 port, and 1 CF port.
USB	Supports 6 USB 2.0 ports.
serial port	Supports 6 RS232 ports (9 wires)
parallel port	Supports 1 LPT
I/O	Supports 1 mPCIe , 1 PC104+, and 1 SIM.
sound card	ALC662 High-Fidelity Sound Card (Line-in, Line-out, Mic-in)
power supply	+9V~+36V voltage , + 12V is recommended .
temperature	Operating temperature: -20° C to +75° C (-40° C to +85° C optional)
size	102mm x 147mm
Heat dissipation	The N455 chip option does not require a fan ; the D525 chip option requires an additional fan.
operating system	Winxp, XPE, Win7, WES7, Linux, VxWorks

Ordering Information	
model	describe
PCM-9351B-A10-X	With fan design
PCM-9351B-A11	Intel Atom N455 1.66G Fanless design
PCM-9351BW-A11	Intel Atom N455 1.66G Fanless design Temperature : -40° C to +85° C
annotation: X represents the CPU model , including CPUs such as N455 and D525.	