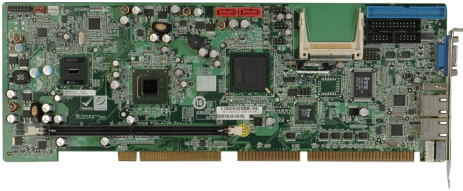


# WSB-ATOM

Full-size PICMG 1.0 CPU card supports Intel® Atom™ processor and comes with VGA, Dual PCIe GbE, USB 2.0, SATA and Audio



## Features

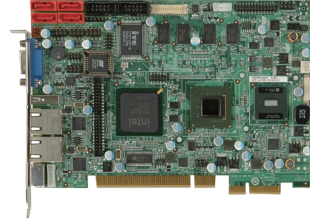
1. PICMG 1.0 and RoHS compliant
2. Intel® Atom™ processor N270 at 1.6GHz core speed with a 533MHz FSB and 512KB L2 cache
3. Enhanced technology for lower power consumption
4. Two SATA and CF type I/II for data storage

## Specifications

Model	WSB-ATOM	PICOe-ATOM
CPU	On board Intel® Atom™ N270 processor 1.6GHz 512KB L2 cache with a 533MHz FSB	On board Intel® Atom™ N270 processor 1.6GHz 512KB L2 cache with a 533MHz FSB
System Chipset	Intel® 945GSE + ICH7M	Intel® 945GSE + ICH7M
BIOS	AMI Flash BIOS	AMI Flash BIOS
System Memory	One 240-pin 533/400 MHz DDR2 SDRAM DIMM supported (system max. 2GB)	On board 512MB DDR2 533MHz memory and One 200-pin 533/400 MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
Ethernet	Dual Realtek 8111CP PCIe GbE controller	Dual PCI Realtek 8110SC GbE
Display Interface	VGA Integrated in Intel® 945GSE	VGA Integrated in Intel® 945GSE HDTV/TV support NTSC/PAL and HDTV resolution up to 1080i 18-bit dual-channel LVDS IEI SDVO interface for video adapter boards
I/O Interface	2 x RS-232 7 x USB 2.0 (1 on bracket, 6 on board by pin header) 2 x SATA 1 x IDE 1 x LPT 1 x PS/2 connector for KB/MS	2 x RS-232 7 x USB 2.0 (1 on bracket, 6 on board by pin header) 4 x SATA 1 x LPT 1 x PS/2 connector for KB/MS
Infrared Interface	1 x Infrared by pin header	1 x Infrared by pin header
Watchdog Timer	Software programmable supports 1 ~255 sec. System reset	
SSD	CF type I/II	1 x CF type I/II
Audio	Support 7.1 channel HD audio or 5.1 channel AC-97 audio by IEI audio kits	
Super I/O	ITE IT8718F	ITE IT8718F
Digital I/O	8 bit digital I/O, 4-bit input/ 4-bit output	8-bit digital I/O, 4-bit input/ 4-bit output
Power Supply	AT/ATX Power	AT/ATX Power
Power consumption	5V@2.55A, 12V@0.23A (Intel® Atom™ N270 1.6GHz/533MHz CPU with 1GB DDR2 533MHz)	5V@2.89A, 12V@0.22A (Intel® Atom™ N270 1.6GHz/533MHz CPU with 1GB DDR2 533MHz)
Temperature	Operation: 0°C ~ 60°C ( 32°F ~ 140°F)	Operation: 0°C ~ 60°C ( 32°F ~ 140°F)
Humidity	Operation: 5% ~95% non-condensing	Operation: 5% ~95% non-condensing
Dimension	338 mm x 122 mm	185 mm x 122 mm
Weight	GW: 1000 g / NW: 250 g	GW: 1000 g / NW: 250 g

# PICOe-ATOM

Half-size PCIe CPU Card with Intel® Atom™ processor, 512MB memory on board, VGA/ LVDS/HDTV-out, Dual GbE, USB 2.0 and SATA



## Features

1. PCIe CPU card supports four PCIe x1 or one PCIe x4 and 4 x PCI expansions
2. Intel® Atom™ processor N270 at 1.6GHz core speed with a 533MHz FSB and 512KB L2 cache
3. 512MB of 533MHz DDR2 SDRAM on board
4. Support VGA, HDTV-out (up to 1080i) and 18-bit dual-channel LVDS with dual-display support
5. I/O includes, two RS-232, seven USB 2.0 and four SATA