

LongWin PCI-104 Module Series

Intel Atom Z5xx DX System Module

High Performance, Maximum Reliability, Competitive Cost

Hesper PC/104+ System



The low-cost high-performance PC/104+ system module with Intel Atom Z5xx CPU running up to 2.13Ghz speed.

The fanless Hesper PC/104+ system module provides high performance on-board CRT/LCD graphics interface, 10/100BaseT Ethernet, enhanced IDE, serial, and USB 2.0 ports.

Features

- Intel Ultra Low Power Atom Z5xx CPU
- High Performance On-Board Graphics
- SD Socket for external Storage
- 10/100BaseT Ethernet
- RS232/RS485 Ports
- 8-Channel General-Purpose Digital I/O
- 6 USB 2.0 Ports
- Single power with wide range input of +5V to +24V

Specification

Bus Type	PC/104 Plus (PCI & ISA Compatible)	I/O	8-Channel Digital I/O Ultra-ATA100/66/33 RS232/RS485 with Jumperless Setting 6 USB 2.0 PS2 Keyboard & Mouse IrDA 1.1 Real-Time Clock Watchdog Timer
Processor	Intel Atom Z5xx Up To 2.13Ghz 533Mhz Front Bus 64-bit Data bus and 32-bit Addressing	Power	+5 to +24V wide range single power < 1A @ +5V (Typical)
Memory	200Pin SO-DIMM Support Up To 2GB DDR2-SDRAM 2MB Flash Memory SD Socket	Environmental	-20°C - +65°C Working Temperature (-40°C - +85°C Extended Temperature)
Network	10/100BaseT Ethernet	Mechanical	PC/104 Plus Form-Factor 3.6 x 3.8 Inch (90 x 96 mm)
Graphics	Build-In (SCH) Graphics Chipset 2D/3D Graphic Engine VGA & LVDS Interface Port		
Audio	Intel HD Audio Interface		

For More Information, please call (800) 970-6805 or eMail to : sales@LWComputer.com

Ordering Information (Most Common Order)	LW-P104-IAZD-1-5	1.10Ghz Atom Z510 System Module for +5V Power Supply
	LW-P104-IAZD-1-S	1.10Ghz Atom Z510 System Module for +6V to +18V Power Supply
	LW-P104-IAZD-3-5	1.60Ghz Atom Z530 System Module for +5V Power Supply
	LW-P104-IAZD-3-S	1.60Ghz Atom Z530 System Module for +6V to +18V Power Supply