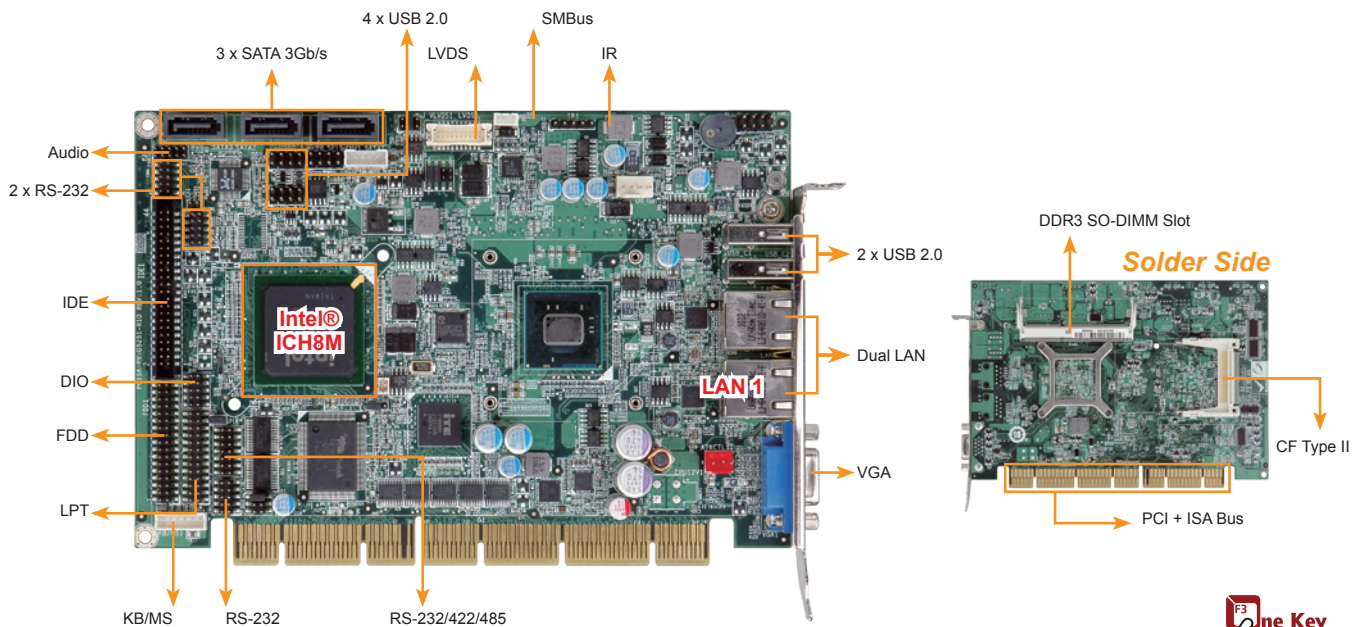


# PCISA-PV-D5251

Half-size PCISA CPU Card with Intel® Atom™ D425/N455/D525, DDR3, VGA, LVDS, Dual PCIe GbE, USB 2.0, Four COM, Three SATA 3Gb/s, Audio and RoHS



## Specifications

- ◆ CPU  
Intel® Atom™ D525 dual-core processor (1.80GHz/1MB L2 cache)
- ◆ Chipset  
Intel® ICH8M
- ◆ BIOS  
UEFI BIOS
- ◆ Memory  
One 204-pin 800 MHz single-channel DDR3L SDRAM unbuffered SO-DIMM slot supports up to 4GB
- ◆ Graphics Engine  
GMA 3150  
Gen 3.5 DX9, 400 MHz for D525
- ◆ Display Output  
1 x VGA (up to 2048x1536@60Hz)  
1 x 18-bit single channel LVDS (up to 1366x768@60Hz)
- ◆ Ethernet  
LAN1: Realtek RT8111E with ASF 2.0 support  
LAN2: Realtek RT8111E
- ◆ External I/O Interface  
2 x USB 2.0
- ◆ Internal I/O Interface
 

1 x CF Type II	1 x LPT (2x13 pin, P=2.0)
1 x FDD (2x17 pin)	1 x RS-232/422/485 (2x7 pin, P=2.0)
1 x IDE (2x10 pin, P=2.0)	3 x RS-232 (2x5pin, P=2.0)
1 x IR (1x5 pin)	4 x SATA 3Gb/s
1 x KB/MS (1x6 pin)	4 x USB 2.0 (2x4 pin, P=2.54)
- ◆ Audio  
Realtek ALC888 HD codec  
1 x Front audio (2x5 pin)
- ◆ SMBus  
1 x SMBus (1x4 pin)
- ◆ Expansion  
4 x PCI bus support
- ◆ Digital I/O  
8-bit digital I/O (2x5 pin)
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ Fan Connector  
1 x Smart fan (1x4 pin)
- ◆ Power Supply  
5V/12V, AT/ATX mode support
- ◆ Power Consumption  
5V@3.36A, 12V@0.57A (Intel® dual-core Atom™ D525 1.80GHz with 1 GB 1066 MHz DDR3 memory)
- ◆ Operating Temperature  
-20°C ~ 60°C with free air, -20°C ~ 70°C with force air for D525 processor
- ◆ Storage Temperature  
-30°C ~ 80°C
- ◆ Operating Humidity  
5% ~ 95%, non-condensing
- ◆ Weight  
GW: 1000g / NW: 250g

## Features

- PCISA CPU card supports PCI and ISA bus expansion
- Supports Intel® Atom™ D525 processor
- Supports VGA and 18-bit single-channel LVDS with dual display
- Supports 800 MHz DDR3 SDRAM SO-DIMM up to 4 GB
- Supports four COM, six USB 2.0, three SATA 3Gb/s, IDE and CF Type II
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Packing List

1 x PCISA-PV-D5251 single board computer
1 x LPT/RS-232 cable
1 x USB cable
1 x Audio cable
3 x SATA cable
1 x Mini jumper pack
1 x One Key Recovery CD
1 x QIG
1 x Utility CD

## Ordering Information

Part No.	Description
PCISA-PV-D5251-R10	PCISA CPU card with Intel® Atom™ D525 1.80GHz, VGA, LVDS, dual PCIe GbE, USB 2.0, 4 COM, 3 SATA 3Gb/s, audio and RoHS
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
19800-004300-100-RS	RS-232 & RS-422/485 cable with bracket, 14-pin to two DB-9, 250mm, P=2.0
19FFD124010HB2A7-000001-RS	CPU fan
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32200-000009-RS	IDE Flat Cable, 400mm, 44 pin to 44pin (P=2.0)
32221-001700-100-RS	IDE Flat Cable, 350mm, 44 pin to 40 pin to 40 pin (P=2.0, 2.54, 2.54)
32229-000400-100-RS	FDD Cable, 350mm, P=2.0
34000-000510-RS	30mm higher heatsink