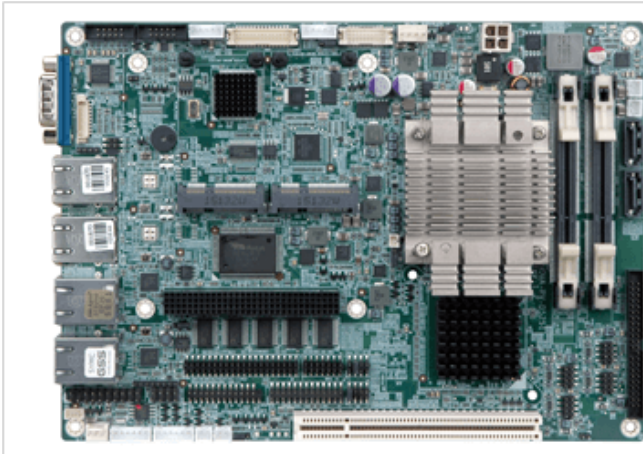


# NOVA-PV-D5251

5.25" SBC, Intel® Atom™ D425/D525



## Features

- » 5.25" SBC supports Intel® Atom™ D525/D425 processor
- » 800/1066 MHz DDR3 supports up to 4 GB
- » VGA/18-bit single-channel/24-bit dual-channel LVDS for dual independent display support
- » Quad PCIe Ethernet, two SATA 3Gb/s, and six RS-232 serial port connectors
- » TPM V1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

<b>CPU Cooler</b>	
CPU Cooler	N/A
<b>Display</b>	
Display	Dual display supported
	VGA (up to 2048x1536@60Hz)
	18-bit single-channel LVDS (up to 1366x768@60Hz)
<b>Environment</b>	
Humidity	5% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 60°C
<b>Expansion Slots</b>	
Expansion Slots	1 x PCI-104
	2 x Full-size PCIe Mini card slot
	1 x PCI
<b>I/O Interface</b>	
Audio	Realtek ALC662 HD Audio codec
Digital I/O	1 x 24-bit digital I/O (2x15 pin)
Ethernet	LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support
<b>I/O Interface</b>	
I/O Interface	1 x RS-232
	7 x Internal RS-232
	8 x Internal USB 2.0
	1 x LPT
<b>Power</b>	
Power consumption	12V@1.46A (Intel® Atom™ D525 1.8GHz with two 800 MHz 1 GB DDR3 SO-DIMM)
<b>Storage</b>	
Storage	1 x CF Type II
	1 x IDE
	2 x SATA 3Gb/s with 5V SATA power connector (no RAID)
<b>System</b>	
Chipset	Intel® ICH8M
CPU	1.8GHz Intel® Atom™ D525 dual-core processor with 1MB L2 cache

Memory Max.	Two 204-pin 800 MHz DDR3 SDRAM SODIMM
	supports up to 4 GB
Watchdog Timer	
Watchdog Timer	Software programmable supports 1~255 sec.

## Ordering Information

NOVA-PV-D5251-G2L2-R12	5.25" SBC, Intel Dual Core Atom D525 1.8GHz, DDR3, 18+48 bits LVDS/VGA, Dual PCIe Mini, Dual PCIe GbE, USB2.0, SATAII, Audio, RoHS
NOVA-PV-D5251-G4-R12	5.25" SBC, Intel Dual Core Atom D525 1.8GHz, DDR3, 18 bits LVDS/VGA, Dual PCIe Mini, Quad PCIe GbE, USB2.0, SATAII, Audio, RoHS

## Packing List

1 x NOVA-PV-D5251 single board computer	1 x Audio cable
1 x VGA cable	1 x KB/MS Y cable 1 x Mini jumper pack
1 x Quad port RS-232 cable	1 x One Key Recovery CD
1 x SATA with power cable kit	