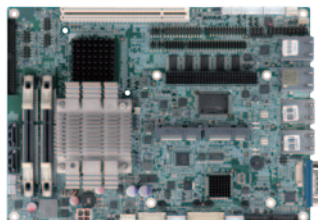


5.25" NOVA Selection Guide



Model Name	NOVA-PV-D5251	NOVA-945GSE-R20
CPU Socket	On board	On board
CPU Type	Intel® Atom™ D525 1.8GHz	Intel® Atom™ N270 1.6GHz
Chipset	ICH8M	Intel® 945GSE + ICH7M
Memory	2 x 204-pin 800 MHz 2 GB DDR3 SO-DIMM (system max. 4 GB)	1 x 200-pin 400/533 MHz 1 GB DDR2 SO-DIMM (system max. 2 GB)
Display Interface	Dual display supported 1 x VGA 1 x 18-bit single-channel LVDS 1 x 24-bit dual-channel LVDS	Dual display supported 1 x VGA 1 x 18-bit dual-channel LVDS
Ethernet	Four PCIe Realtek RTL8111E GbE controllers, LAN1 with ASF 2.0 support	Dual LAN: Realtek PCIe 8111CP GbE controller
iRIS Remote Management Module	N/A	
I/O Interface	1 x KB/MS by pin header 1 x LPT 1 x RS-232/422/485 1 x TPM connector 5 x RS-232 8 x USB 2.0	1 x KB/MS by pin header 1 x LPT 1 x RS-232/422/485 1 x TPM connector 3 x RS-232 6 x USB 2.0
Drive Interface	2 x SATA 3Gb/s 1 x CF Type II	2 x SATA 1 x IDE 1 x CF Type II
Audio	Realtek ALC662 HD Audio codec	Realtek ALC655 with AC'97 codec
Digital I/O	24-bit digital I/O (12-bit input / 12-bit output)	8-bit digital I/O (4-bit input / 4-bit output)
Power Consumption	12V@1.46A (Intel® Atom™ D525 1.8GHz with two 1 GB DDR3)	5V@2.89A (Intel® Atom™ N270 with 1 GB DDR2)
Watchdog Timer	Software programmable and supports 1~255 sec. system reset	
Operating Environment	Temperature Range: -10°C~60°C (14°F~140°F) Relative Humidity: 5% ~ 95% non-condensing	Temperature Range: 0°C~60°C (32°F~140°F) Relative Humidity: 5% ~ 95% non-condensing
Expansion Slots	1 x PCI Slot 2 x PCIe Mini card slot	1 x PC/104+ (ISA+PCI Bus) 1 x PCI 2 x PCIe Mini card
CPU Cooler	Heatsink	Heatsink

1

Industrial
Computing
Solutions

2

Video
Capture
Solutions

3

Industrial
Computer
Chassis

4

Open
Frame
Monitor

5

Power Supply/
Peripherals

6

All-in-One
System