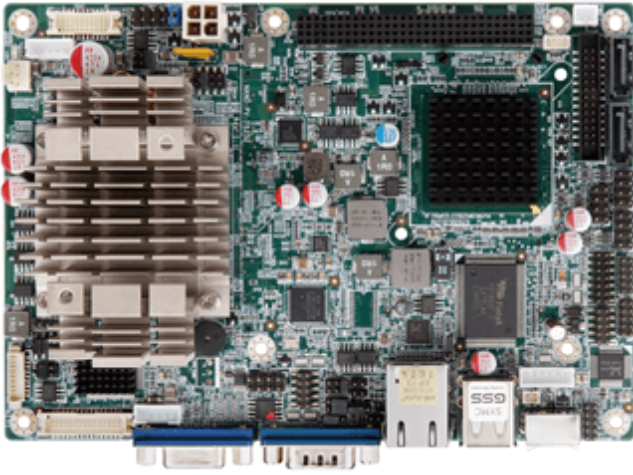


# NANO-PV-D5252

EPIC SBC with Intel® Atom™ D425/N455/D525



## Features

- » EPIC SBC with Intel® Atom™ D525/D425/N455 processor and DDR3 solution
- » 12V only single voltage design for AT/ATX mode
- » Support dual LVDS
- » Support PCI-104 and PCIe Mini card slot
- » Support five COM, eight USB, two SATA 3Gb/s and one CF Type II socket
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

Display	
Display	VGA (up to 2048x1536(D525) or 1400x1050(N455)@60Hz)
	18-bit single-channel LVDS (up to 1366x768(D525) or 1024x768(N455)@60Hz)
	24-bit dual-channel LVDS (up to 1920x1080@60Hz)
Environment	
Humidity	5% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 60°C
Expansion Slots	
Expansion Slots	1 x PCI-104 slot
Form factor	
Form factor	EPIC
I/O Interface	
Audio	Realtek ALC662 HD codec
Ethernet	LAN: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support
I/O Interface	
I/O Interface	1 x RS-232
	6 x Internal USB 2.0
	3 x Internal RS-232
	1 x Internal RS-232/422/485
	1 x LPT
	2 x USB 2.0
Power	
Power consumption	12V@2.16A (Intel® Atom™ D525 with 2 GB 1066 MHz DDR3)
	12V@2.08A (Intel® Atom™ D425 with 2 GB 1066 MHz DDR3)
	12V@1.99A (Intel® Atom™ N455 with 2 GB 1066 MHz DDR3)
Storage	
Storage	1 x CF Type II
	2 x SATA 3Gb/s
System	
Chipset	Intel® ICH8M
CPU	Intel® Atom™ D525 (1.8GHz, dual-core, 1MB cache)
	Intel® Atom™ D425 (1.8GHz, single-core, 512KB cache)
	Intel® Atom™ N455 (1.66GHz, single-core, 512KB cache)

Memory Max.	One 204-pin 800 MHz DDR3 SDRAM SO-DIMM slot supports up to 4 GB (D525/D425) or 2 GB (N455)
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## Ordering Information

NANO-PV-D4252-R11	EPIC SBC with Intel Atom D425 1.8GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS
NANO-PV-D5252-R11	EPIC SBC with Intel Atom D525 1.8GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS
NANO-PV-N4552-R11	EPIC SBC with Intel Atom N455 1.66GHz,DDR3,VGA/18+ 48bit LVDS,GbE,USB2.0 and SATA II,Audio,RoHS

## Packing List

1 x NANO-PV-D4252/N4552/D5252 single board computer	1 x Audio cable
2 x RS-232 cable	1 x Dual port USB cable
1 x Mini jumper pack	1 x KB/MS Y cable
1 x One Key Recovery CD	1 x Power cable
1 x QIG	1 x SATA with 5V output cable
1 x Utility CD	