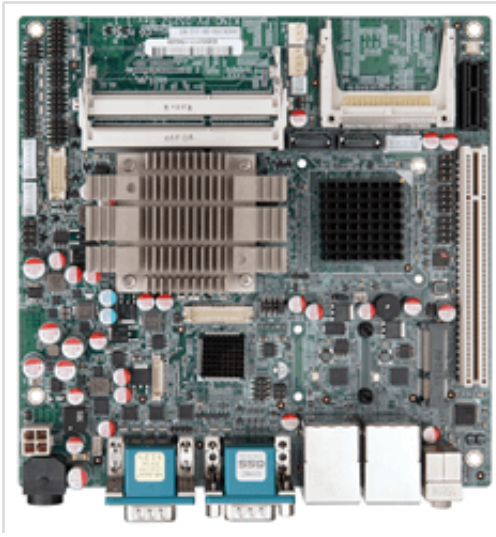


# KINO-PV-D5252

Mini-ITX SBC with Intel® Atom™ D425/D525



## Features

- » Mini-ITX SBC with Intel® Atom™ D525/D425 processor
- » Support 800 MHz DDR3 SO-DIMM socket (system max. 4 GB)
- » Support 24-bit dual-channel LVDS with up to 1920x1080 resolution
- » Complete I/O with eight USB, two SATA 3Gb/s, one CF Type II, six COM and audio
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

Display	
Display	Analog CRT up to 2048x1536 for D525/D425 Support CRT hotplug
	18-bit single-channel LVDS, up to WXGA 1366x768 or XGA 1024x768
	24-bit dual-channel LVDS by Novatek 68660UFG, up to 1920x1080
Environment	
Humidity	5% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 60°C
Expansion Slots	
Expansion Slots	1 x PCI slot
	1 x PCIe x1 slot
	1 x PCIe Mini card slot
Form factor	
Form factor	Mini-ITX
I/O Interface	
Audio	Realtek ALC662-GR HD Audio codec
Digital I/O	8-bit digital I/O (2x5 pin)
Ethernet	LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support
	LAN2: Realtek RTL8111E PCIe GbE controller
I/O Interface	
I/O Interface	2 x Internal RS-232
	4 x Internal USB 2.0
	1 x LPT
	4 x USB 2.0
	3 x RS-232
	1 x Internal RS-232/422/485
Power	
Power consumption	12V@1.95A (Intel® Atom™ D525 1.8GHz with two 1 GB DDR3)
Storage	
Storage	1 x CF Type II
	2 x SATA 3Gb/s
System	
Chipset	ICH8M

CPU	Intel® Atom™ D525 dual-core processor 1.8GHz/1MB L2 cache
	Intel® Atom™ D425 single-core processor 1.8GHz/512KB L2 cache
Memory Max.	Two 204-pin 800 MHz DDR3 SDRAM SO-DIMMs supported (system max. 4 GB) for D525/D425
Watchdog Timer	
Watchdog Timer	Software programmable supports 1~255 sec.

## Ordering Information

KINO-PV-D4252-R11	Mini ITX SBC with Intel Atom D425 1.8GHz,DDR3,VGA/18 LVDS,Dual GbE,Audio,USB 2.0 and SATA II,RoHS
KINO-PV-D5252-L2-R11	Mini ITX SBC with Intel Atom D525 1.8GHz,DDR3,VGA/18+48-bit LVDS,Dual GbE,Audio,USB 2.0 and SATA II,RoHS

## Packing List

1 x KINO-PV-D4252/D5252 single board computer	1 x Mini jumper pack
1 x I/O shielding	1 x One Key Recovery CD
1 x RS-232 cable with bracket	1 x QIG
1 x SATA with power cable	1 x Utility CD