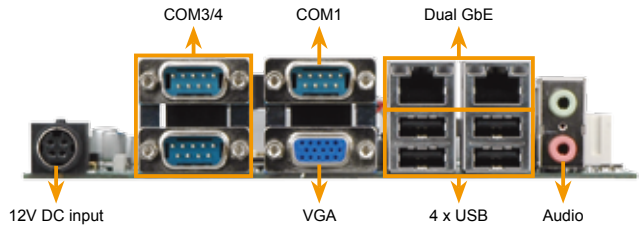
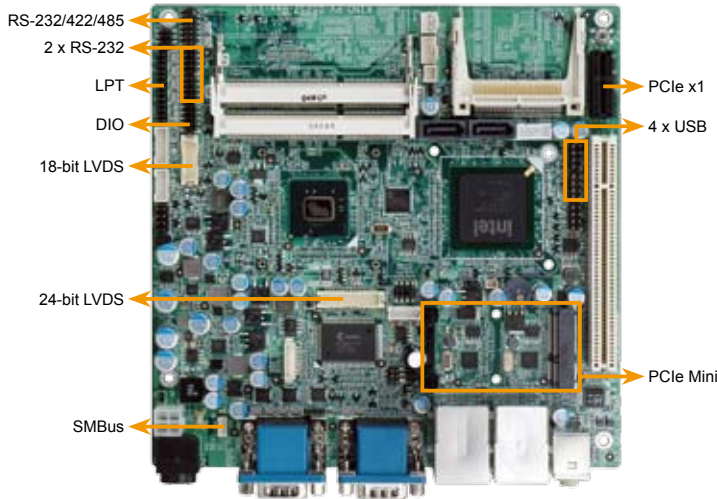


KINO-PV-D5252

Mini ITX SBC with Intel® Atom™ D525 1.8GHz, DDR3, VGA/18+48-bit LVDS, Dual GbE, Audio, USB2.0 and SATA II, RoHS



Features

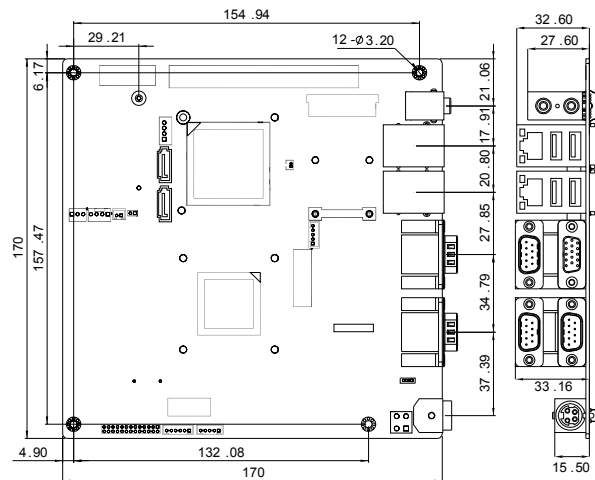
1. Mini-ITX SBC with Intel® Atom™ D525 1.8GHz dual core processor
2. Support 800MHz DDR3 SO-DIMM socket up to 4GB
3. Support 24-bit dual-channel LVDS resolution up to 1920x1080
4. Complete I/O with 8 x USB, 2 x SATA II, 1 x CF II, 6 COM and audio
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications



- ◆ CPU
Intel® Atom™ D525 dual-core processor 1.8GHz/1MB L2 cache
Intel® Atom™ D425 single-core processor 1.8GHz/512KB L2 cache
Intel® Atom™ N455 single-core processor 1.66GHz/512KB L2 cache
- ◆ Chipset
ICH8M
- ◆ BIOS
AMI uEFI BIOS
- ◆ Memory
Two 204-pin 800MHz DDR3 SDRAM SO-DIMMs supported (System max. 4GB) for D525/D425
Two 204-pin 800MHz DDR3 SDRAM SO-DIMMs supported (System max. 2GB) for N455
- ◆ Graphic
GMA 3150
Graphic core speed 400MHz for D525/ D425
Graphic core speed 200MHz for N455
- ◆ Display Interface
Analog CRT up to 2048x1536 for D525/ D425, 1400x1050 for N455
Support for CRT hot plug
18-bit single-channel LVDS, resolution support up to WXGA 1366x768 or XGA 1024x768
24-bit dual-channel LVDS by Novatek 68667UFG, resolution support up to 1920x1080
- ◆ Ethernet
Dual GbE by Realtek RTL8111E with ASF 2.0 support
- ◆ I/O Interfaces
5 x RS-232 1 x RS-232/422/485 (COM2) with Auto Flow control
1 x LPT 1 x 6-pin header for KB/MS
2 x SATA II 8 x USB 2.0
1 x CF Type II
- ◆ Digital I/O
8-bit digital I/O, 4-bit input / 4-bit output
- ◆ Expansion
1 x PCI slot 1 x PCIe x1 slot
1 x PCIe Mini card slot (Support half size mini card)
- ◆ Audio
Realtek ALC 888 HD codec
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ Power Supply
12V, AT/ATX power mode
1 x external DIN 4pin DC jack
1 x internal 2 x 2-pin power connector
- ◆ TPM (Optional)
INFINEON SLB9635TT1.2
- ◆ SMBus
1 x 4-pin wafer connector
- ◆ Super IO
Fintek F81865
- ◆ FAN Connector
1 x 4-pin CPU fan
1 x 3-pin system fan
- ◆ Power Consumption
TBD
- ◆ Temperature
Operation: -10°C ~ 60°C
- ◆ Humidity
Operation: 5% ~ 95% non-condensing
- ◆ Weight
GW: 800g / NW: 340g

Dimensions (mm)



Packing List

1 x KINO-PV-D5252 Single Board Computer	
1 x RS-232 cable with bracket (P/N: 19800-000300-100-RS)	
1 x SATA with power cable kit (P/N: 32801-000100-100-RS)	
1 x I/O shielding (P/N: 45014-0024C0-01-RS)	1 x Mini jumper pack
1 x QIG	1 x Utility CD

Ordering Information

Part No.	Description
KINO-PV-D5252-R10	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
KINO-PV-D4252L-R10	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-N4552-R10	Mini ITX SBC with Intel® Atom™ N455 1.66GHz, DDR3, VGA/18+48-bit LVDS, Dual GbE, Audio, USB 2.0 and SATA II, RoHS
32000-0023800-RS	PS2 KB/MS cable
32102-000100-100-RS 32102-000100-200-RS 32102-000100-300-RS	SATA Power cable
32200-015100-RS	LPT cable
19800-000110-RS	RS-232/422/485 cable with bracket
CB-USB02-RS	Dual Port USB cable