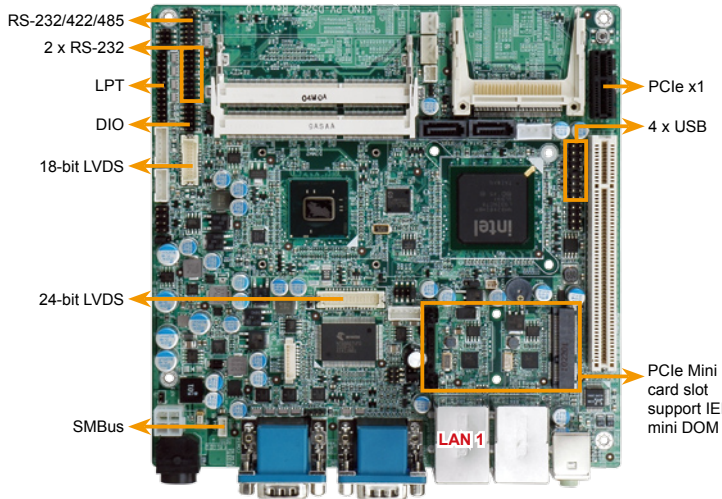


KINO-PV-D4252 D5252

Mini ITX SBC with Intel® Atom™ D425/D525, DDR3, VGA/18+48-bit LVDS, Dual GbE, Audio, USB 2.0 and SATA II, RoHS

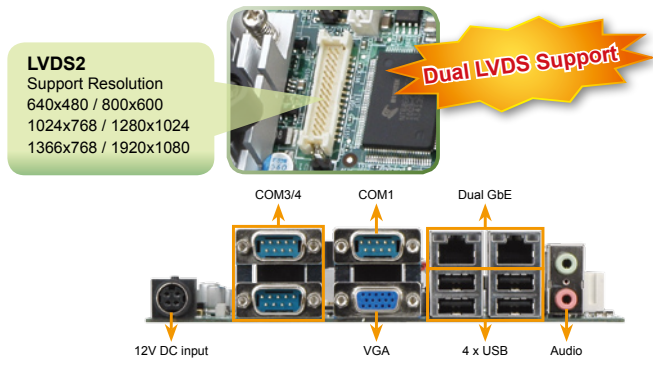


Specifications



- ◆ CPU
Intel® Atom™ D525 dual-core processor 1.8GHz/1MB L2 cache
Intel® Atom™ D425 single-core processor 1.8GHz/512KB L2 cache
- ◆ Chipset
ICH8M
- ◆ BIOS
UEFI BIOS
- ◆ Memory
Two 204-pin 800MHz DDR3 SDRAM SO-DIMMs supported (System max. 4GB) for D525/D425
- ◆ Graphic
GMA 3150
Graphic core speed 400MHz for D525/ D425
- ◆ Display Interface
Analog CRT up to 2048x1536 for D525/ D425
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, LAN1 with ASF 2.0 support
- ◆ I/O Interfaces

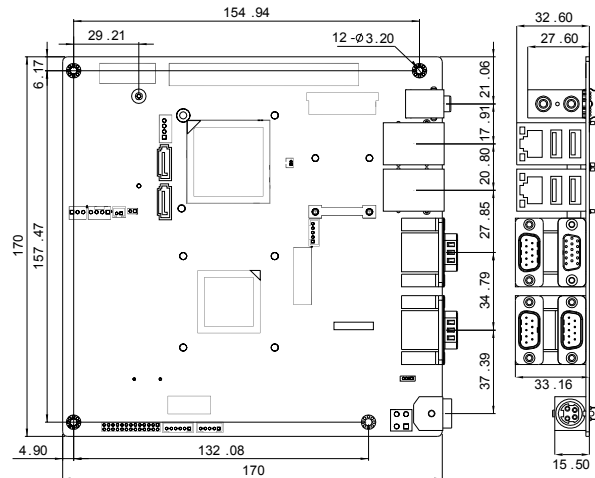
5 x RS-232	1 x RS-232/422/485 (COM2) with Auto Flow control
1 x LPT	1 x 6-pin header for KB/MS
2 x SATA II	8 x USB 2.0
1 x CF Type II	
- ◆ Digital I/O
8-bit digital I/O, 4-bit input / 4-bit output
- ◆ Expansion
1 x PCI slot
1 x PCIe Mini card slot (PCIe + USB + SATA signal) support IEI mini DOM
- ◆ Audio
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)
On board INFINEON SLB9635TT.1.2
- ◆ 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
12V@1.95A (Intel® Atom™ D525 1.8GHz with DDR3 1GB*2)
- ◆ Temperature
-20°C ~ 60°C with free air, -20°C ~ 70°C with force air for D525 processor
-20°C ~ 65°C with free air, -20°C ~ 70°C with force air for D425 processor
- ◆ Humidity
Operation: 5% ~ 95% non-condensing
- ◆ Weight
GW: 800g / NW: 340g



Features

1. Mini-ITX SBC with Intel® Atom™ D525 / D425 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 eight USB, two SATA II, one CF II, six COM and audio
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (mm)



Packing List

1 x KINO-PV-D4252/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-L2-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-D5252T-L2-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, TPM, RoHS
KINO-PV-D4252-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-D4252T-R10	Mini ITX SBC with Intel® Atom™ D425 1.8GHz, DDR3, VGA/18 LVDS, Dual GbE, audio, USB 2.0 and SATA II, TPM, RoHS
32000-0023800-RS	PS2 KB/MS cable
32200-015100-RS	LPT cable
19800-000110-RS	RS-232/422/485 cable with bracket
CB-USB02-RS	Dual port USB cable
19FTS00032100-000001-RS	CPU fan