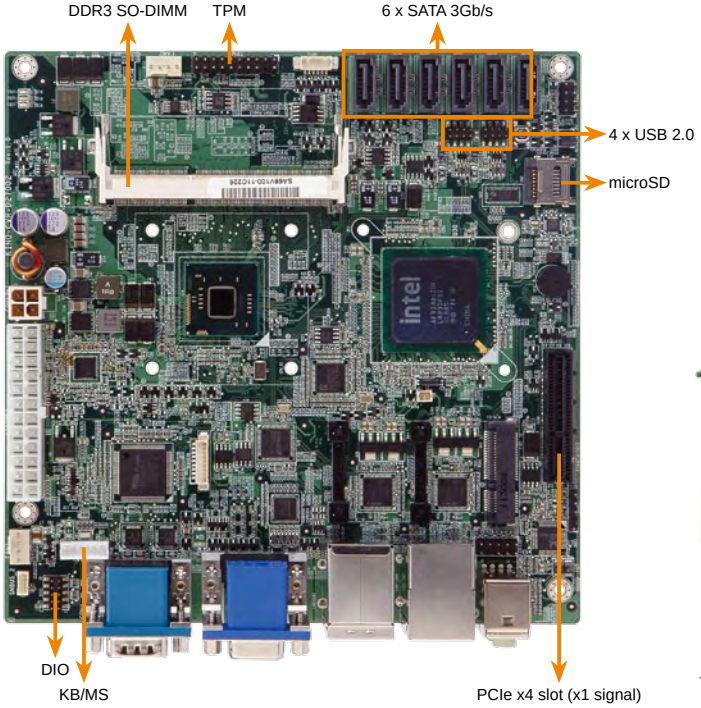
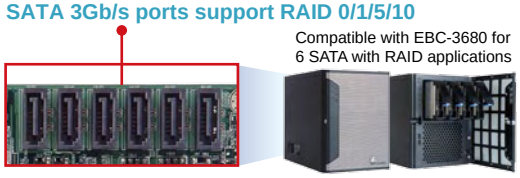
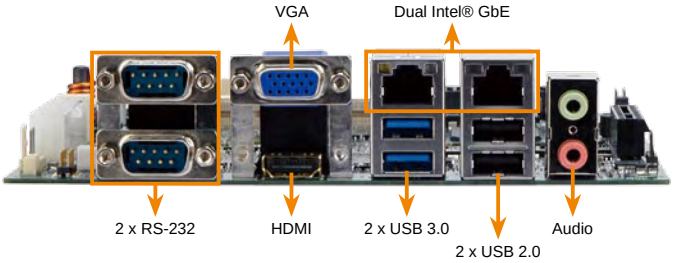
KINO-CVR-D25502 N26002

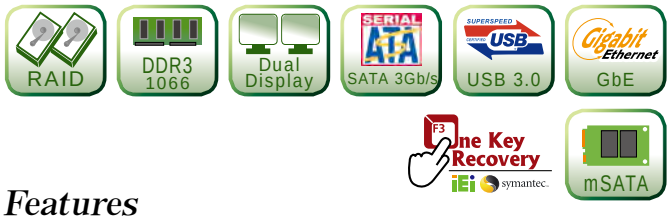
Mini-ITX SBC with Intel® D2550/N2600 Processor, DDR3, VGA/HDMI, Dual GbE, USB 3.0, SATA 3Gb/s, Audio, RoHS



Six SATA 3Gb/s ports support RAID 0/1/5/10







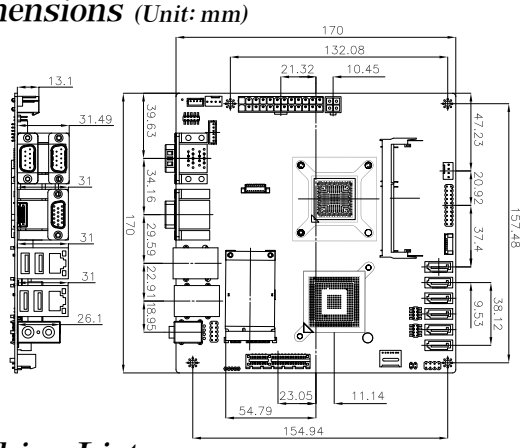
Features

1. Mini-ITX form factor with Intel® D2550/N2600 dual core proccessor supporting DDR3 memory
2. Six SATA 3Gb/s with with RAID 0/1/5/10 support for storage market applications
3. Flexible VGA and HDMI with dual-display support
4. PCIe Mini card slot is compatible with mSATA SSD storage
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- CPU
  1.86GHz Intel® Atom™ D2550 dual-core processor
  1.6GHz Intel® Atom™ N2600 dual-core processor
  1.86GHz Intel® Atom™ N2800 dual-core processor (optional)
- Chipset
  Intel® ICH10R
- BIOS
  UEFI BIOS
- Memory
  1 x 1066MHz DDR3 SO-DIMM up to 4GB for D2550 and N2800
  1 x 800MHz DDR3 SO-DIMM up to 2GB for N2600
- Graphics
  640MHz graphics core speed for D2550 and N2800
  400MHz graphics core speed for N2600
- Display Output
  Dual display supported
  1 x VGA
  1 x HDMI
- Ethernet
  Dual GbE Intel® 82574L controller
- I/O Interfaces
  2 x RS-232 1 x microSD slot
  2 x USB 3.0 6 x USB 2.0
  6 x SATA 3Gb/s with RAID 0/1/5/10 support
- Super IO
  Fintek F81866
- Digital I/O
  8-bit digital I/O programmable
- Expansions
  1 x PCIe Mini card (compatible with mSATA SSD storage)
  1 x PCIe x4 slot (x1 signal)
- Audio
  Realtek ALC662 HD audio codec
- Watchdog Timer
  Software programmable supports 1~255 sec. system reset by Super I/O
- Power Supply
  ATX power supply, AT/ATX power mode
- Fan Connector
  1 x 4-pin CPU fan connector
  1 x 4-pin system fan connector
- Power Consumption
  5V@1.21A, 12V@0.09A, Vcore_12V@0.32A, 3.3V@0.37A, 5VSB@0.04A
  (1.86GHz Intel® D2550 with two 1066MHz 2GB DDR3 memory)
- Operating Temperature
  -20°C ~ 60°C with free air, -20°C ~ 70°C with force air for D2550 processor
  -20°C ~ 70°C with free air, -20°C ~ 75°C with force air for N2600 and N2800 processor
- Operating Humidity
  5% ~ 95%, non-condensing
- Weight
  GW: 600g/NW: 250g

Dimensions *(Unit: mm)*



Packing List

1 x KINO-CVR-D25502/N26002 single board computer	
1 x I/O shielding (P/N: 45014-0038C0-01-RS)	
6 x SATA cable (P/N: 32801-000703-200-RS)	
1 x One Key Recovery CD	1 x Mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
KINO-CVR-D25502-R10	Mini-ITX SBC with Intel® Atom™ D2550 1.86GHz, DDR3, VGA/HDMI, dual GbE, USB 3.0, SATA 3Gb/s, Audio, RoHS
KINO-CVR-N26002-R10	Mini-ITX SBC with Intel® Atom™ N2600 1.6GHz, DDR3, VGA/HDMI, dual GbE, USB 3.0, SATA 3Gb/s, Audio, RoHS
KINO-CVR-N28002-R10	Mini-ITX SBC with Intel® Atom™ N2800 1.86GHz, DDR3, VGA/HDMI, dual GbE, USB 3.0, SATA 3Gb/s , Audio, RoHS
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
32102-000100-200-RS	SATA power cable
19800-003100-200-RS	Dual-port USB cable with bracket