KINO-CV-D25501/N26001

Mini-ITX SBC with Intel® D2550/N2600 processor



Features

» Mini-ITX form factor with Intel® D2550/N2600 dual-core processor supports DDR3/DDR3L (1.35V) memory

» Wide range 9V ~ 28V DC input

» Flexible VGA, dual LVDS and HDMI™ with dual-display support

» Complete I/O: six USB 2.0, two USB 3.0, two SATA 3Gb/s, six COM, audio and mSATA SSD capable

» IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

CPU Cooler	
CPU Cooler	Heatsink
Display	
Display	Dual display supported
	1 x VGA
	1 x Single-channel 18-bit
	(N2600)/24-bit LVDS2 (D2550)
	1 x 24-bit dual-channel LVDS
	1 x HDMI™
Environment	
Humidity	5% ~ 95%, noncondensing
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 processor
Expansion Slots	
Expansion Slots	1 x PCIe Mini Card Slot
	1 x PCI
I/O Interface	
Audio	Realtek ALC662 HD Audio codec
Digital I/O	8-bit digital I/O
Ethernet	Dual LAN: Realtek RTL8111E PCIe GbE
	controller with ASF 2.0 support
I/O Interface	5 x RS-232
	1 x RS-422/485
	6 x USB 2.0
	2 x USB 3.0
	1 x TPM connector (2x10 pin)
	1 x KB/MS by 6-pin header
I/O Interface	
I/O Interface	6 x USB 2.0
	5 x RS-232

	1 x RS-422/485
	2 x USB 3.0
Power	
Power consumption	12V@2.8A (1.86GHz Intel® D2550 CPU
	with DDR3 1333MHz 4GB DIMM)
	12V@2.4A (1.6GHz Intel® N2600 CPU
	with 1333MHz 2GB DDR3 DIMM)
System	
Chipset	NM10
CPU	Intel® Atom™ Processor D2550
	1.86GHz
	Intel® Atom™ Processor N2600 1.6GHz
CPU Socket	On Board
Memory Max.	1 x 204-pin, Max.4GB, 1066 MHz DDR3/
	DDR3L (1.35V) SO-DIMM (D2550)
	1 x 204-pin, Max.2GB, 800 MHz DDR3/
	DDR3L (1.35V) SO-DIMM (N2600)
Storage	2 x SATA 3Gb/s or
	1 x SATA 3Gb/s +
	1 x mSATA
	1 x microSD slot (bootable)Realtek ALC662 HD Audio codec
Watchdog Timer	
Watchdog Timer	Software programmable and supports 1~255 sec. system reset

Ordering Information

KINO-CV-D25501-R10	Mini ITX SBC with Intel Atom D2550 1.86 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS
KINO-CV-N26001-R10	Mini ITX SBC with Intel Atom N2600 1.6 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS
KINO-CV-N28001-R10	Mini ITX SBC with Intel Atom N2800 1.86 G Hz,DDR3,VGA/HDMI™/Dual LVDS,Dual GbE,USB3.0,USB 3.0,9~28v,SATA 3Gb/s,Audio,RoHS

Packing List

1 x KINO-CV-D25501/N26001 single board computer	1 x I/O shielding
1 x Dual-port USB cable	1 x Mini jumper pack
2 x SATA with 5V output cable Kit	1 x QIG