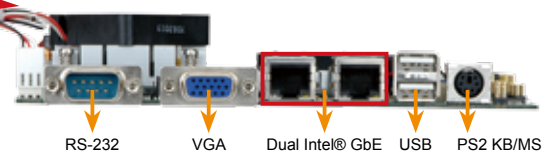
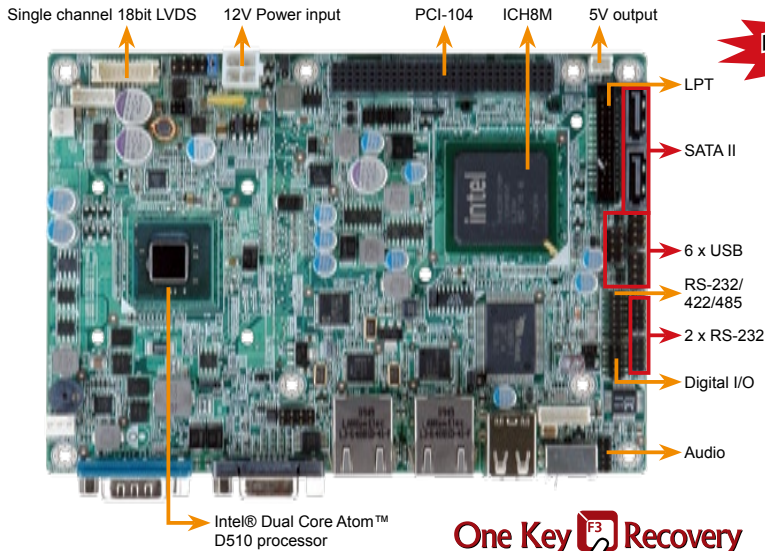


NANO-PV-D510A

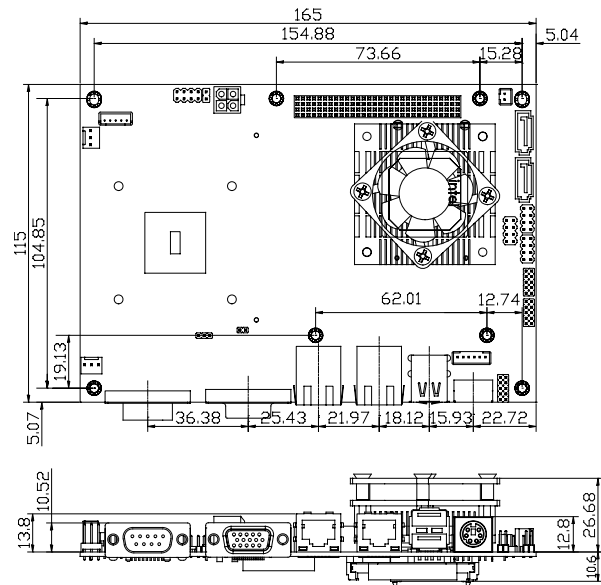
EPIC SBC with Intel® Dual Core Atom™
D510 Processor



Features

1. EPIC SBC with Intel® Dual Core Atom™ D510 Processor
2. 12V Single Voltage design for AT/ATX support
3. Dual independence display supported by VGA and single channel 18-bit LVDS
4. Support PCI-104, PCIe mini card slot
5. Support 4 x COM, 8 x USB, 2 x SATA II and CF type II socket
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (mm)



Specifications

- ◆ CPU
Intel® Atom™ Processor D510 1.66GHz/2x 512KB L2 Cache
- ◆ Chipset
Intel® ICH8M Chipset
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 200-pin 800/667MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet Chipset
Dual Intel® GbE Chipsets
GbE PHY 82567V + PCIe GbE 82583V Chipset
- ◆ I/O interface
8 x USB 2.0
1 x LPT
1 x PS2 KB/MS
2 x SATA II
3 x RS-232
1 x RS-232/422/485
1 x CF type II
- ◆ Expansion
1 x PCI-104 slot, 1 x PCIe mini card slot
- ◆ Super I/O
Fintek F81865
- ◆ Digital I/O
8-bit digital I/O (4-bit input / 4-bit output)
- ◆ Audio
Realtek ALC888 HD codec
- ◆ Display Output
Intel® Graphics Media Accelerator 3150 integrated in Intel® Atom™ D510 Processor
DirectX® 9 compliant / Pixel Shader® v2.0
MPEG2 Hardware Acceleration
18-bit Single-Channel LVDS supporting resolution up to 1366 x 768, 18bpp
Analog CRT display output resolution up to 2048 x 1536@60Hz
- ◆ WDT
software programmable supports 1~255sec System reset
- ◆ Power supply
12V only, AT/ATX support
- ◆ Power Consumption
12V@1.63A (Intel® Atom™ D510 1.66GHz CPU, 2GB 800MHz DDR2)
- ◆ Temperature operation: -10°C ~ 60°C
- ◆ Humidity operation: 5% ~ 95% non-condensing
- ◆ Dimensions
165mm x 115mm
- ◆ Weight
GW: 650g / NW 280g



Packing List

1 x NANO-PV-D510A-R10 Single Board Computer	
2 x RS-232 Cable (P/N: 32200-000049-RS)	
1 x SATA with 5V output Cable (P/N: 32000-114000-RS)	
1 x Power Cable (P/N: 32100-087100-RS)	
1 x KB/MS Y Cable (P/N: 32000-133200-RS)	
1 x Audio Cable (P/N: 32000-072100-RS)	
1 x CPU Cooler (Pre-Installed)	1 x Mini Jumper Pack
1 x QIG (Quick Installation Guide)	1 x Utility CD

Ordering Information

Part No.	Description
NANO-PV-D510A-R10	EPIC SBC with Intel® Dual Core Atom™ D510 1.66GHz/1MB L2, VGA/LVDS, Dual GbE, USB 2.0, CF II, Audio and SATA II, RoHS
32000-044300-RS	Dual port USB cable
32200-015100-RS	LPT Cable
32000-062800-RS	SATA cable
32102-000100-100-RS 32102-000100-200-RS	SATA Power Cable
32200-026500-RS	RS-232/422/485 cable