



Features

- Intel® Atom™ processor Z510 / Z530 and System Controller Hub US15W
- One 200-pin SO-DIMM supports DDR2 SDRAM up to 2GB
- Versatile interfaces for storage such as SD, Compact Flash (II) and 2.5" HDD
- Compact and user-friendly design for easy installation and maintenance
- Fan-less design and ultra mini size suits mission-critical application

NITX-1020 brings the advantage of the latest Intel® Atom™ platform with high performance but low power requirement. This system features with versatile storage interfaces and easy for data access. Robust, fan-less, and compact. Perfect for Medical, Gaming and DSS applications. In addition, stylish design makes the system friendly and easy to operate.

Specification

CPU

- Intel® Atom™ processor Z510 / Z530
- Front Side BUS 400/533MHz

Chipset

- Intel® System Controller Hub US15W integrated GMA 500 Graphics

BIOS

- AMI BIOS

System Memory

- One 200pin SO-DIMM support DDR2 533/400 up to 2GB

Audio

- MIC in and Line out

Ethernet

- Single 10/100/1000 Mbps support

Storage

- 1x 44 pin IDE 2.5" HDD
- 1x CF
- 1x SD

Serial Port

- 1 x RS232/422/485 port

Ethernet Port

- 1 x RJ45 LAN Port

Display

- 1 x DB15

Audio Port

- Line-out / MIC in

USB Port

- 4 x USB 2.0 ports

Mouse & KB

- N/A

Watchdog Timer

- Programmable via S/W from 1sec. to 255min

H/W Monitor

- Temperature (CPU and System)
- Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V)

Power Input

- DC 12V

Operation Temperature

- 0~45°C

Storage Temperature

- -20~80°C

Relative Humidity

- 5~95% non-condensing

Dimension

- 150mm (W) x 150mm (D) x 51mm (H)

Weight

- 1 Kg

Ordering Information

NITX-1020-1100 - (RoHS Compliant) Compact system with Intel® Atom™ 1.1G processor, 512MB DDRII SDRAM, 120G HDD

NITX-1020-1600 - (RoHS Compliant) Compact system with Intel® Atom™ 1.6G processor, 1GB DDRII SDRAM, 120G HDD