NISE 3150

Main Features

- Supports Intel® Pentium® M / Celeron® M processors with 400 MHz FSB
- Intel® 852GM Chipset
- Dual 10/100 Fast Ethernet LAN Ports
- USB 2.0/VGA/DVI/TV-out/ Parallel interface

- 3 x RS232 and 1 x RS232/422/485 via DB44 Connector
- Slim DVD Combo
- On-board DC to DC Power Designed to Support +12 to +30 VDC Power Input
- Supports ATX Power Mode and PXE/WOL

Product Overview

Featuring Intel® 852GM & ICH4 chipsets, the NISE 3150 fan-less computer supports Intel's Pentium® M/Celeron® M processor with 400 MHz FSB and DDR 200/266 memory up to 2 GB. The rugged NISE 3150 fan-less computer is designed for space-critical application requires extreme reliability, low-power consumption and versatile I/O configuration.

With an integrated slim type of DVD combo drive, the versatile NISE 3150 fan-less computer offers a wide I/O port connection options located at both the front and the rear of the unit. For added flexibility, the NISE 3150 also has three RS232 ports, one RS232/422/485 port and one Parallel port. The on-board power control circuit accepts a wide range of single input DC ATX power supply voltages from +12 to +30 VDC, allowing the NISE 3150 Series to meet most application requirements in the industrial field.

Housed in a compact 195 mm x 268 mm x 80 mm heavy-duty aluminum chassis, the NISE 3150 is designed for reliable, maintenance-free industrial computing. The NISE 3150 fan-less computer offers a cost-effective solution for a multitude of mission-critical embedded computing applications in automation, machine control, POS systems and transportation.

Specifications

Main Board
- EBC 573FL(LF)
- Supports Intel® Pentium® M processor in 478-pin, Micro-FCPGA package (mPGA479M Socket) from 1.6 to 1.8 GHz with 1 MB or 2 MB L2 cache
- Supports Intel® Celeron® M processor in 478-pin, Micro-FCPGA package (mPGA479M Socket) from 1.3 to 1.5 GHz with 512 KB or 1 MB L2 cache
- Supports Low Voltage and Ultra Low Voltage Intel® Pentium® M or Intel® Celeron® M processors in 479-ball, Micro-FCBGA package
- Supports 400 MHz FSB CPUs only
- Intel® 852GM and ICH4 chipsets

Main Memory
- 2 x 184-pin DIMM sockets, up to 2 GB unbuffered non-ECC DDR SDRAM

I/O Interface-Front
- Customized logo (Optional)
- HDD Access/Power/LAN status LED
- 2 x USB 2.0 ports
- 1 x Slim DVD Combo
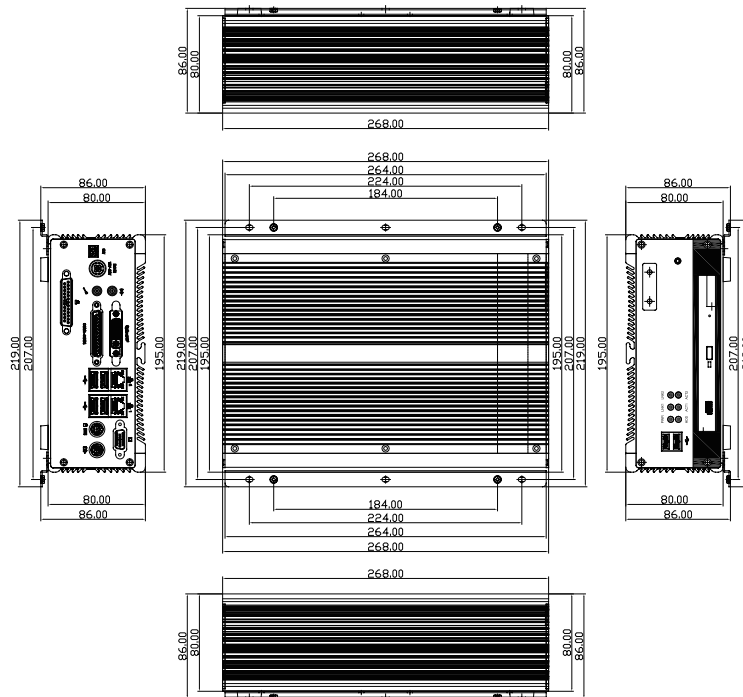- ATX power on/off unlock Swich

I/O Interface-Rear
- 1 x PS/2 Connector
- 4 x USB 2.0 ports
- 4 x Serial ports
- 1 x Audio Mic-in and 1 x Speaker-out
- 1 x DVI interface
- 2 x 10/100 Ethernet LAN
- 1 x VGA connector
- 1 x S-Video TV-out
- 1 x DC power input
- 1 x 2-pin connector output for remote power on/off switch
- 1 x Parallel Port

Device
- 1 x On-board CompactFlash socket
- 1 x Internal 2.5" HDD Drive bay
- 1 x Slim DVD Combo: CD/RW+DVD Combo 24W/24E/24R + 8D

Dimension Drawing

Power Input

- DC to DC power on board to support 12 to 30 VDC (Max: 120 Watts)
- 1 x External 120 W AC adapter
- Power input: 100 to 240 VAC 2 A 50/60 Hz
- Power output: 24 VDC

Dimensions

- 195 mm (W) x 268 mm (D) x 80 mm (H) (7.68" x 10.5" x 3.1")

Environment

- Operating temperature:
  Ambient with air flow: -5°C ~ 55°C
  (According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C ~ 80°C
- Relative humidity: 10% to 93% (Non-Condensing)

Certifications

- CE approval
- FCC

Ordering Information

- **Barebone**
  NISE 3150(LF) (P/N: 10J00315000X0) RoHS Compliant
  Support Intel® Pentium® M Celeron® M fan-less Bare-Bone System
  1 x Slim DVD-ROM or CD-R/RW Combo (8D/24W/24E/24R)(SLAVE)
  1 x Parallel Port

NEXCOM

Fan-less Computer

We reserve the right to change specifications and product descriptions at any time without prior notice.

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