

NISE 3150e

Intel® Pentium® M/ Celeron® M Fan-less System
with Slim DVD Combo



Main Features

- ◆ Support Intel® Pentium® M/ Celeron® M Processors
- ◆ Intel® 910GMLC chipsets
- ◆ Dual 10/100/1000 LAN Ports
- ◆ USB2.0/VGA/DVI/Parallel Interface
- ◆ 3x RS232 and 1x RS232/422/485 via DB44 Connector
- ◆ Slim DVD Combo
- ◆ On-board DC to DC Power Designed to Support +16 - 30 VDC Power Input
- ◆ Supports ATX Power Mode and PXE/WOL

Product Overview

Featuring Intel® 910GMLC & ICH6M chipsets, the NISE 3150e fan-less computer supports Intel's Pentium® M/Celeron® M processor with 400 MHz FSB and DDR2 400 memory up to 2 GB. The rugged NISE 3150e 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 3150e 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 3150e 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 +16 to +30 VDC, allowing the NISE 3150e 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 3150e is designed for reliable, maintenance-free industrial computing. The NISE 3150e fan-less computer offers a cost-effective solution for a multitude of mission-critical embedded computing applications in industrial automation, machinery system, POS system and transportation.

Specifications

Main Board

- ◆ NISB3100
- ◆ Support Intel® Pentium® M/ Celeron® M processors
- ◆ Supports Low Voltage and Ultra Low Voltage Intel® Pentium® M or Celeron® M
- ◆ Supports 400 MHz FSB CPUs only
- ◆ Intel® 910GMLC and ICH6M chipsets

Main Memory

- ◆ 2x 240-pin DDR2 DIMM socket, up to 2GB un-buffered non-ECC DDR2 400 SDRAM module

I/O Interface-Front

- ◆ Optional customized logo
- ◆ HDD Access/Power/LAN status LEDs
- ◆ 2x USB2.0 ports
- ◆ 1x Slim DVD Combo
- ◆ ATX Power on/off switch

I/O Interface-Rear

- ◆ 1x PS/2 Keyboard/ Mouse

- ◆ 4x USB2.0 ports/ 4x Serial port
- ◆ 1x Audio Mic-in and 1x Speaker-out
- ◆ 1x DVI interface
- ◆ 2x 10/100/1000 LAN
- ◆ 1x VGA connector/ 1x Parallel port
- ◆ 1x 16 ~ 30V DC power input
- ◆ 1x 2-pin switch for remote power on/off

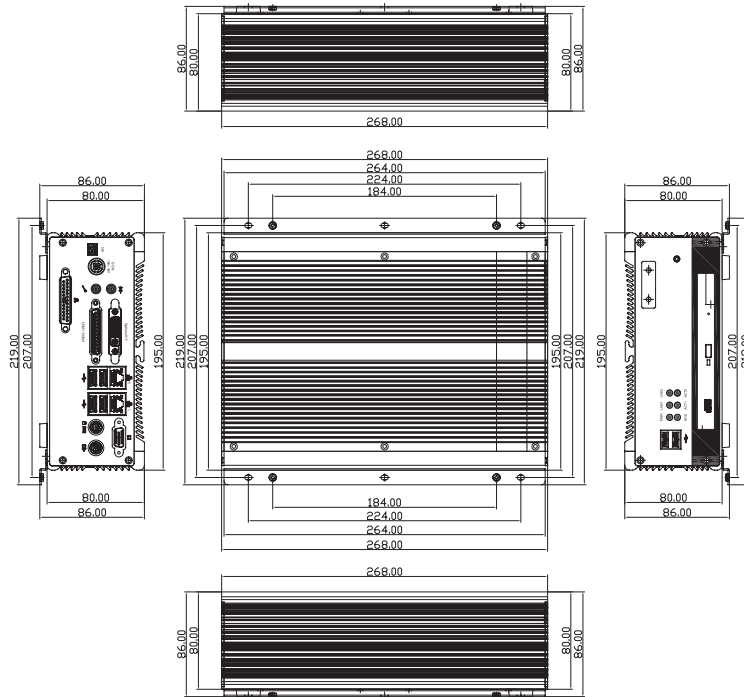
Device

- ◆ 1x On-board Internal Compact Flash socket
- ◆ 1x Internal 2.5" SATA HDD driver bay
- ◆ 1x Slim DVD Combo: CD/RW+DVD Combo 24W/24E/24R + 8D

Power Requirements

- ◆ DC to DC power designed for on-board support of 16 V to 30 VDC (Max: 120 Watts)
- ◆ 1x Optional 120W AC/DC lockable adapter
Power input: 100 to 240 V AC 2 A 50/60 Hz
Power output: 19 VDC

Dimension Drawing



Dimensions

- 195mm (W) x 268mm (D) x 80mm (H) (7.7" x 10.5" x 3.1")

Construction

- Aluminum chassis with fan-less design

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 Class A

Ordering Information

♦ Barebone

NISE 3150e (P/N: 10J00315006X0)

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

- ♦ **19V, 120W AC/DC power adapter w/o power cord (P/N: 7410120002X00)**