NISE 3100eP2

Main Features

- Support Intel® Pentium® M/ Celeron® M Processors
- Intel® 910GMLE chipsets
- Dual 10/100/1000 LAN Ports
- USB2.0/VGA/DVI Interface
- 3x RS232 and 1x RS232/422/485 via DB44 Connector

- On-board DC to DC Power Designed to Support +16 - 30 VDC Power Input
- Supports ATX Power Mode and PXE/WOL
- Two PCI Expansion Slot

Product Overview

NISE 3100eP2 features with two PCI peripherals expansion in a compact size of fan-less system with easy installation. The NISE 3100eP2 has dual 10/100/1000 ports to communicate between multiple network connections. A wide ranges of supported CPUs in NISE 3100eP2 provide ample computing power to control connected peripherals.

Featuring Intel® 910GMLE & ICH6M chipsets, the NISE 3100eP2 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 3100eP2 fan-less computer is designed for space-critical application requires extreme reliability, low-power consumption and versatile I/O configuration. The added expansion feature is perfect to configure NISE 3100eP2 in industrial automation, machine automation environment, and more.

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® 910GMLE and ICH6M chipsets

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

Expansion
- Supports two 32-bit/33 MHz PCI card
- PCI length support:
  Max. 169mm with HDD installed
  Max. 240mm x2 with HDD installed

I/O Interface-Front
- Optional customized logo
- HDD Access/Power/LAN status LEDs
- 2x USB2.0 ports
- ATX Power on/off switch

I/O Interface-Rear
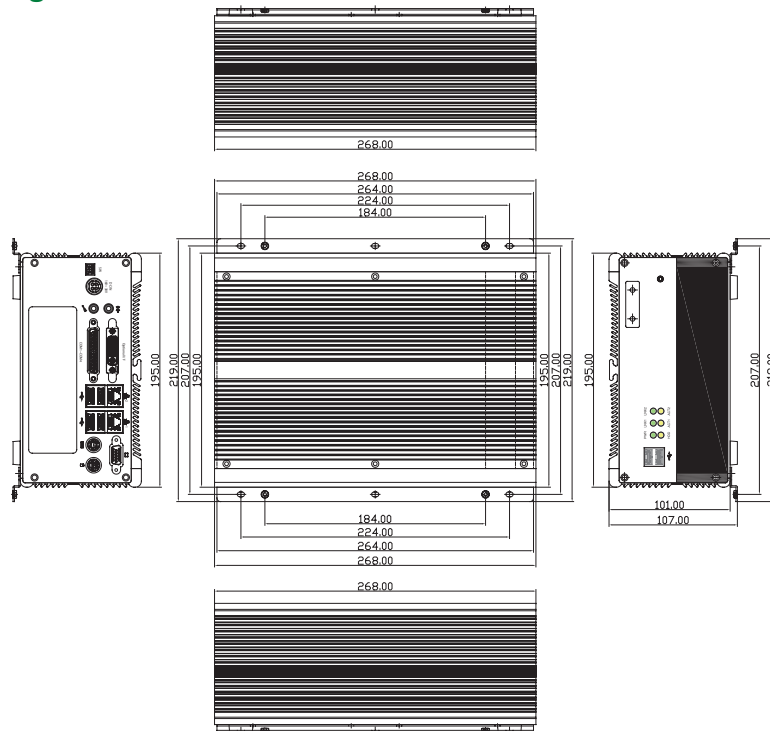- 1x PS/2 Keyboard/ Mouse
- 4x USB2.0 ports/ 4x Serial port
- 1x Audio Mic-in and 1x Speaker-out
- 1x DVI interface
- 2x 10/100/1000 LAN
- 1x VGA connector
- 16 ~ 30V DC power input
- 1x 2-pin connector output for remote power on/off switch

Device
- 1x On-board Internal Compact Flash socket
- 1x Internal 2.5" SATA HDD driver bay

Dimension Drawing

Power Requirements

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

Dimensions

- 195mm (W) x 268mm (D) x 107mm (H) (7.6" x 10.5" x 4.2")

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

Ordering Information

- **Barebone**
  NISE 3100eP2 (P/N: 10J3100P209X0)
  Support Intel® Pentium® M/Celeron® M Fan-less Bare-Bone System 2 x PCI Expansion

Optional

- 19 V, 120 W AC/DC Power Adapter W/O Power Cord (P/N: 7410120002X00)