NISE 100

Intel® Atom™ N270 1.6 GHz Fan-less System

Main Features

- **On-board Intel® Atom™ N270 Processor, 1.6GHz**
- **Intel® 945GSE chipsets**
- **Single 10/100/1000 Mbps LAN ports**
- **2x USB2.0/DVI-I/Keyboard & Mouse Interface**
- **1x RS232/422/485 and 2x RS232**
- **On-board DC to DC Power Designed to Support +12V DC Power Input**
- **Supports ATX Power Mode**

Product Overview

NISE 100, a tiny fan-less industrial computing housed in a size of 185mm/W x 132mm/D x 50mm/H, makes it a perfect match for space critical applications. Designed with Intel® Atom™-based N270 1.6GHZ processor and 945GSE embedded chipset, NISE 100 is an energy-efficient solution in a lightweight system, featuring both performance and reliability in industrial grade non-stop system operating.

The NISE 100 supports two RS232, one RS232/422/485, one 10/100/1000 LAN port, two USB ports, one PS/2 for keyboard/mouse, and one DVI-I for VGA and DVI-D display in demand. With 12V DC input, NISE 100 is easy to link with DC power source or through AC/DC power adapter. Taking the low power consumption advantage, NISE 100 is a fan-less EzController, nice device to work in harsh and quiet environment. With the dimension and performance features, NISE 100 is an idea for gate control, public information, self-service system, POS, Kiosk, low-power budget devices, LED signage and logistic system applications.

Specifications

CPU Support

- On-board Intel® Atom™ N270 processor, 1.6GHz, 533MHz FSB
- Intel® 945GSE and ICH7M chipsets

Main Memory

- 1x DDR2 SO-DIMM sockets, single channel, support up to 2GB DDR2 400/533 SDRAM, un-buffered,non-ECC

I/O Interface-Front

- HDD Access/Power status LEDs
- 2x RS232
- ATX Power on/off switch

I/O Interface-Rear

- 1x DVI-I
- 1x PS/2 Keyboard & Mouse
- 1x RS232/422/485
- 1x 10/100/1000 LAN port
- 2x USB2.0 port
- +12V DC power input

Power Requirements

- DC to DC power designed for on-board support of +12V DC
- 1x External 60W AC/DC lockable power adapter
  Power input : 100 to 240V AC 2A 50/60Hz
  Power output: 12V DC

Dimensions

- 185mm (W) x 132mm (D) x 50mm (H) (7.28" x 5.2" x 1.97")

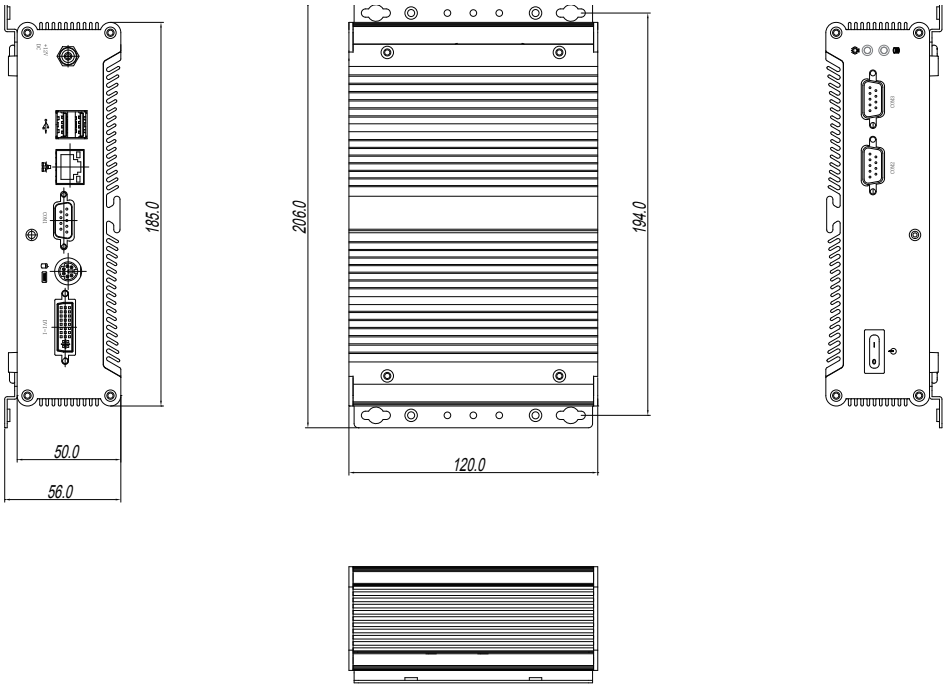
Construction

- 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)

Dimension Drawing



Certifications

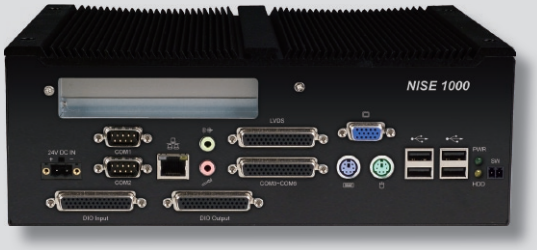
- CE approval
- FCC

Ordering Information

- **Barebone**
  NISE 100 (P/N: 10J00010000X0)
  Intel® Atom™ N270 Fan-less System

NISE 1000

Intel® Pentium® M/ Celeron® M Fan-less Box for AFC Automatic Gate Contorller w/ 6 x COMs, 48ch DIO, NVRAM and PCI Slot



Main Features

- **Support Intel® Pentium® M/Celeron® M Processor**
- **Intel® 910GMLE Chipsets**
- **One 1000/100/10Mbps LAN port**
- **4 x USB2.0/VGA/LVDS/Audio**
- **2 x RS232/422/485 and 4 x RS232 via DB44 connector**
- **24Ch Digital Input and 24Ch Digital Output, Non-Isolated**
- **On-board DC to DC power design to support 24V DC power input**
- **Support ATX power mode and PXE**
- **One PCI Expansion**

Product Overview

NISE 1000 series are designed for, but not limit to, multi-function system with various connections in automatic fare collection applications requiring scalable computing capability, fan-less operating, lower power use, extreme reliable and rugged system, flexible I/O configuration with long product life support.

Designed to offer maximum computing power in the most efficient footprint possible, the NISE 1000 offer a range of Pentium® M/Celeron® M processor, SATA storage with HDD or SSD and comprehensive Interface support featuring dual display, LVDS and VGA, and audio, 4x RS232, 2x RS232/422/485, 1x 10/100/1000 LAN port, 2x PS/2 for keyboard & mouse, and 4x USB port in 24V DC input support. The NISE 1000 supports 24CH digital input and 24CH digital output which makes NISE 1000 ideal for AGM system (Automatic Gate Machine) including gate control, access controller, parking entrance, and information communication.

Specifications

CPU Support

- Support Intel® Pentium® M/ Celeron® M processors
- 400 MHZ FSB support

Chipset

- Intel® 910GMLE + Intel® ICH6M

Main Memory

- 1 x 240 pin DIMM socket, support up tp 1 GB unbuffered non-ECC, non-registered DDR2 SDRAM

Graphic

- Display interface
  CRT: External DB15 CRT interface
  LVDS: DB44 pin connector for Dual Pixels LVDS interface
- Dual Display
  Independent: Different images and native display timings on each display
  Simultaneous: Same images and native display timings on each display

Expansion

- Supports 1 x PCI slot

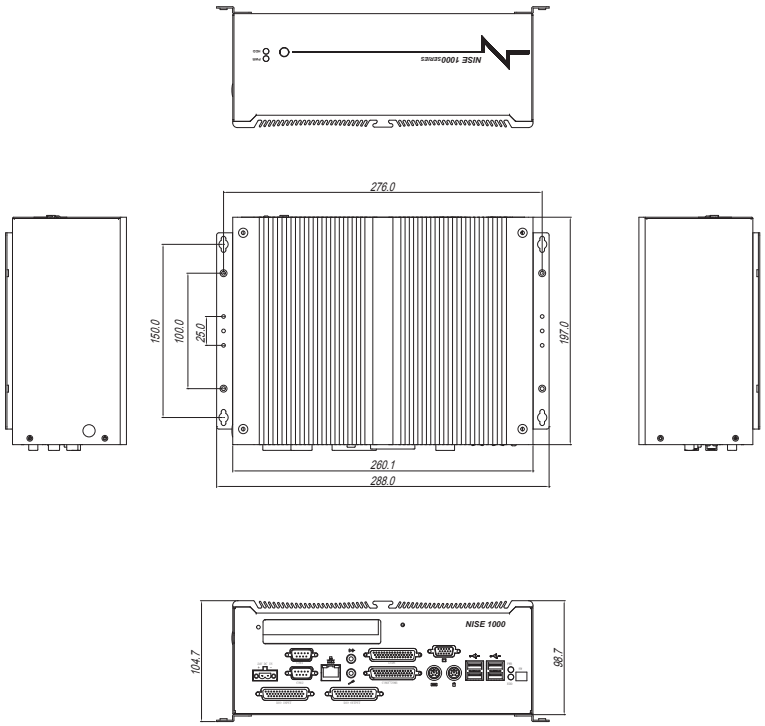
I/O Interface-Front

- 1 x HDD status LED (Yellow); 1 x Power LED (Green)
- 1 x Power on/off switch

I/O Interface-Rear

- 1 x HDD status LED (Yellow) ; 1 x Power status LED (Green)
- +24V DC-in Power input connector, 2-pin terminal screw
- 1 x DB44 connector for 4 serial ports (COM3~COM6, support RS-232 only)
- 2 x DB9 connectors for 2 serial ports (COM1&2 , support RS-232/422/485)
- 1 x DB44 connector for LVDS
- 1 x RJ45 10/100/1000 Ethernet LAN port
- 4 x USB2.0
- 1 x VGA DB-15 connector
- 2 x PS/2 connectors (one for K/B, one for M/S)
- 1 x MIC-In; 1 x Line-Out
- 1 x knockout for PCI add-on card
- 1 x 2-pin connector output for remote power on/off switch

Dimension Drawing



Digital IO

- 24 Ch Non-Isolated Digital Input, two ch come with Interrupt support
- 24 Ch Non-Isolated Digital Output
- Buffered inputs and outputs offer high driving capacity 32 mA
  Logic input high voltage: 2.0 to 5.25 V
  Logic input low voltage: 0.0 to 0.80 V
  Logic output high voltage: 2.4 V min.
  Logic output low voltage: 0.4 V max.
- One DB44 Connector for 24ch Input in Rear Panel
- One DB44 Connector for 24ch Output in Rear Panel

Storage

- 1 x Internal CompactFlash socket
- 1 x Internal 2.5" HDD drive bay
- 1 x NVRAM socket

Power Requirements

- Power type: ATX mode DC Input
- Input voltage range: 24VDC
- Optional 24V, 100W power adapter

Verified OS

- Windows XP
- Windows XPe
- WinCE 6.0 BSP
- Linux-Fedora Core 6 & Core 9

Dimensions

- 260 mm (W) x 197 mm (D) x 98.7 mm (H)

Construction

- Aluminum Chassis with fan-less design

Environment

- Operating temperature: Ambient with air flow
  -5°C to 45°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 1000 (P/N:10J00100000X0)
  Intel® Pentium® M/ Celeron® M processors Fan-less Bare-Bone System, with one PCI Expansion Slot
- **w/Celeron® M 600 MHz, 512KB L2 (BGA)**
  NISE 1000-C65 (P/N:10J00100002X0)
  Intel® Celeron® M/ 600 MHz CPU w/512KB L2 Fan-less System, with one PCI Expansion Slot

NISE 2000

Intel® Atom™ N270 1.6GHz Fan-less System

Main Features

- **On-board Intel® Atom™ N270 Processor, 1.6GHz**
- **Intel® 945GSE chipsets**
- **Dual 1000/100/10 Mbps LAN ports**
- **4 x USB2.0/VGA**
- **2 x RS232 and 2 x RS232/422/485**
- **On-board DC to DC power design to support 16V to 30V DC input**
- **Support ATX power mode and PXE/ WOL**
- **One Mini-PCIe Socket**
- **One External CF Socket**

Product Overview

Measuring a mear 195mm x 200mm x 65mm, NISE 2000, a Intel® Atom™ N270 1.6G system, is designed for ultra-slim system housed in a comopact fanless design chassis with perfect thermal solution. Its unique fan-less design eliminates concerns about dust accumulation, and greatly reduces the maintenance cost. NISE 2000 is a perfect solution to maintain reliable operation over long periods of time in harsh environments. The NISE 2000 Series features an on-board 1.6 GHz Intel® Atom™ N270 processor with 945GSE chipset. The entire system consumes less than 25 watts power consumption making the operating both energy-efficient and cost effective. Coupled with its four serial ports (two support RS422/485 with auto-flow control feature), dual 10/100/1000 LAN ports, four USB ports and one external CF socket, the NISE 2000 Series is also equipped with one mini-PCIe Socket for expansion needs. Wide range of DC input still remain in NISE 2000 series from 16~30V DC input. The compact aluminum enclosure of the NISE 2000 ensures continuing operation even in space-critical applications. Taking the advantage of lower power consumption in a long product life cycle support, NISE 2000 is an perfect solution for those applications in retail automation, self-service Kiosk, health care automation, industrial process control, battery-operated devices, media servers, gaming machines and VoIP.

Specifications

Main Board

- NISB2001
- On-board Intel® Atom™ N270 processor, 1.6GHz, 533MHz FSB

Chipset

- Intel® 945GSE
- Intel® ICH7M

Main Memory

- 1 x DDR2 SO-DIMM sockets, single channel, support up to 2GB DDR2 400/533 SDRAM, unbuffered, non-ECC

Expansion

- One Mini-PCIe socket

I/O Interface-Front

- ATX Power on/off switch
- HDD Access/ Power status LEDs
- 2 x USB2.0 ports
- 4 x Serial port (COM3 & COM4 screw terminal support RS232/422/485, auto-flow control)

I/O Interface-Rear

- 16 ~ 30V DC input
- 1 x PS/2 Keyboard/Mouse
- 1 x DB15 VGA connector
- 2 x Gbe LAN ports
- 1 x Speaker out
- 2 x USB2.0 ports
- One antenna hole for optional Mini-PCIe WiFi module

Storage

- 1 x 2.5" SATA HDD drive bay
- One external CF socket
- Support one optional USB DOM (2.54mm, Horizontal type)

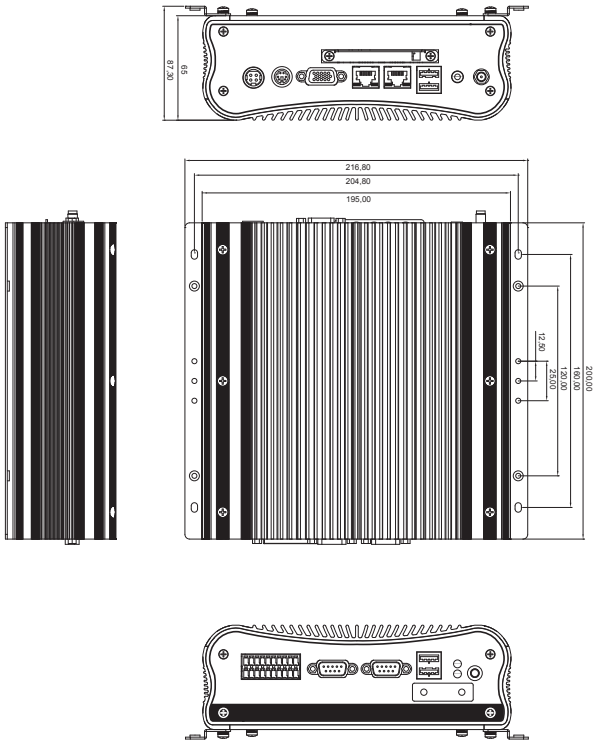
Power Requirements

- ATX Power mode
- On-board DC to DC power support 16V to 30VDC
- Optional 19V, 65W AC/DC Power adapter

Dimensions

- 195 mm (W) x 200 mm (D) x 65 mm (H)

Dimension Drawing



Construction

- Aluminum Chassis with fan-less design

Environment

- Operating temperature:
  Ambient with air flow: -5°C to 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 2000 (P/N:10J00200000X0)
  Intel® Atom™ N270 Fan-less Bare-Bone System
- **AC/DC Power adapter (P/N:7400065006X00)**
  19V, 65W (Optional)

NISE 3100

Intel® Pentium® M/ Celeron® M Fan-less System with 1 x PCI Expansion Slot

Main Features

- **Supports Intel® Pentium® M/Celeron® M Processors with 400 MHz FSB**
- **Intel® 852GM Chipset**
- **Dual 10/100 Ethernet LAN Ports**
- **USB 2.0 /VGA/DVI/TV-Out Interface**
- **3 x RS232 and 1 x RS232/422/485 via DB44 Connector**
- **On-board DC to DC Power Designed to Support +12 to +30 VDC Power Input**

Product Overview

Featuring Intel® 852GM & ICH4 chipsets, the NISE 3100 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 3100 fan-less computer is designed for space-critical application requires extreme reliability, low-power consumption and versatile I/O confi guration.

With one PCI-Expansion Slot, the versatile NISE 3100 fan-less computer offers a wide connection options of I/O ports located at both the front and the rear of the unit. For added fl exibility, the NISE 3100 also boasts three RS232 ports, one RS232/422/485 port and one PCI Expansion Slot. For data storage, the NISE 3100 provides one CompactFlash socket and one 2.5" HDD drive bay. The system supports ATX power supply and can accept a wide range of power supplies from 12 to 30 VDC.

Housed in a compact 195 mm x 268 mm x 80 mm heavy-duty aluminum chassis, the NISE 3100 is designed for reliable, maintenance-free industrial computing. The NISE 3100 fan-less computer offers a cost-effective solution for a multitude of mission-critical embedded computing applications in automation, machine control, and POS systems.

Specifications

Main Board

- EBC 573FL (LF)
- Support Intel® Pentium® M processors in 478-pin, Micro-FCPGA package from 1.6 to 1.8 GHz with 1 MB or 2 MB L2 cache
- Support Intel® Celeron® M processors in 478-pin, Micro-FCPGA package 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 Celeron® M processors in 479-ball, Micro-FCBGA package
- Supports 400 MHz FSB CPUs only
- Intel® 852GM and ICH4 chipset

Main Memory

- 2 x 184-pin DDR 200/266 DIMM sockets, up to 2 GB unbuffered non-ECC DDR SDRAM

Expansion

- Supports one 32-bit/33 MHz PCI Card
- PCI Length support:
  Max. 160mm with HDD installed
  Max. 240mm without HDD installed

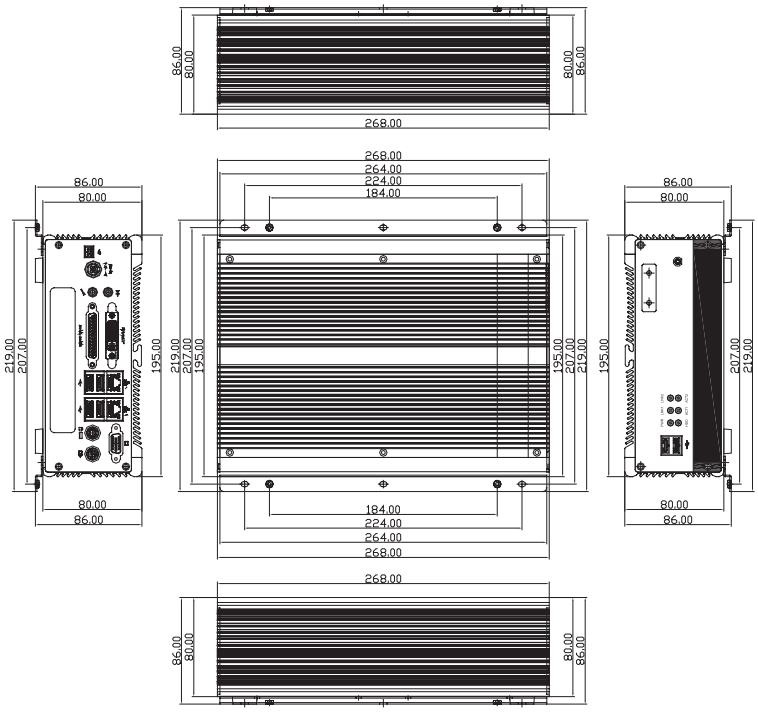
I/O Interface-Front

- Customized logo(Optional)
- HDD Access/Power/LAN status LEDs
- 2 x USB 2.0 ports
- ATX Power on/off switch

I/O Interface-Rear

- 1 x PS/2 Keyboard/Mouse
- 4 x USB 2.0 ports
- 4 x Serial ports
- 1 x Audio Mic-in and 1x 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

Dimension Drawing



Device

- 1 x On-board CompactFlash socket
- 1 x Internal 2.5" IDE HDD drive bay

Power Requirements

- DC to DC power designed for on-board support of 12 to 30 VDC (Max: 120 Watts)
- 1 x External 120 W AC adapter (lockable)
  Power input: 100 to 240 V AC 2 A 50/60 Hz
  Power output: 19 VDC

Dimensions

- 195 mm (W) x 268 mm (D) x 80 mm (H) (7.6" 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

Ordering Information

- **Barebone**
  NISE 3100(LF) (P/N: 10J00310000X0)
  Intel® Pentium® M/ Celeron® M Fan-less Bare-Bone System
  1 x PCI Expansion Slot
- **w/Celeron® M 1.5 GHz**
  NISE 3100(LF)-370 (P/N: 10J00310008X0)
  Intel® Celeron® M 1.5 GHz CPU / 852GM Fan-less System
  1 x PCI Expansion Slot
- **w/Pentium® M 1.6 GHz**
  NISE 3100(LF)-160 (P/N: 10J00310006X0)
  Intel® Pentium® M 1.6 GHz CPU / 852GM Fan-less System
  1 x PCI Expansion Slot
- **w/ Celeron® M 600 MHz, 512K L2 (BGA)**
  NISE 3100(LF)-C65 (P/N: 10J00310001X0)
  Intel® Celeron® M 600 MHz CPU w/512KB L2 Fan-less System
  1 x PCI Expansion Slot

NISE 3140P2/3140P2E

Intel® Core™ 2 Duo Fan-less System with 2 x Expansion Slots

Main Features

- **Support Intel® Core™ 2 Duo / Celeron® processor**
- **Intel® GM45 chipsets**
- **Dual Intel® 82574L Gigabit Ethernet ports**
- **Dual VGA or VGA/DVI Independent Display**
- **3 x RS232 and 1 x RS232/422/485 with Auto Direction Control**
- **On external locked CF socket**
- **On-board DC to DC power design to support 16V to 30V DC power input**
- **Support ATX power mode and PXE / WOL**

Specifications

Main Board

- NISB 3140
- Support Intel® Core™ 2 Duo Processor P8600 (3M Cache, 2.40 GHz, 1066 MHz FSB)
- Support Intel® Core™ 2 Duo Processor P8400 (3M Cache, 2.26 GHz, 1066 MHz FSB)
- Support Intel® Celeron® Processor 575 (1M Cache, 2.00 GHz, 667 MHz FSB)

Main Memory

- 2x 240-pin DIMM, up to 4GB DDR3 800/1066 MHz SDRAM, un-buffered and non-ECC

Chipset

- Intel® GM45 Graphics and Memory Controller Hub
- Featureing the Mobile Intel Graphics Media Accelerator 4500MHD
- Intel® 82801IBM I/O Controller Hub

I/O Interface-Front

- ATX power on/off switch
- HDD Access/Power status LEDs
- 2 x USB2.0 ports

I/O Interface-Rear

- 2-pin Remote Power on/off switch
- 16 ~ 30V DC input
- 1 x PS/2 for Keyboard/Mouse
- 1 x DB25 Parallel Port (Optional GPIO or LVDS interface)
- 1 x DB44 Serial Port for 4x RS232 (COM2: RS232/422/485 with Auto Flow Control)
- 2 x Gbe LAN ports
- 4 x USB2.0 ports
- 1 x DB15 VGA port
- 1 x DVI-I Port (DVI-D + VGA)
- 1 x Speaker-out and Line-in

Device

- 1 x 2.5" SATA HDD drive bay
- One external locked CF card socket
- Optional power adapter

Expansion

- Two PCI expansion (NISE3140P2 only)
- One PCI and one PCIe x1 expansion (NISE3140P2E only)
- Max. Support Add-on Card Length: 1x 169mm and 1x 240mm

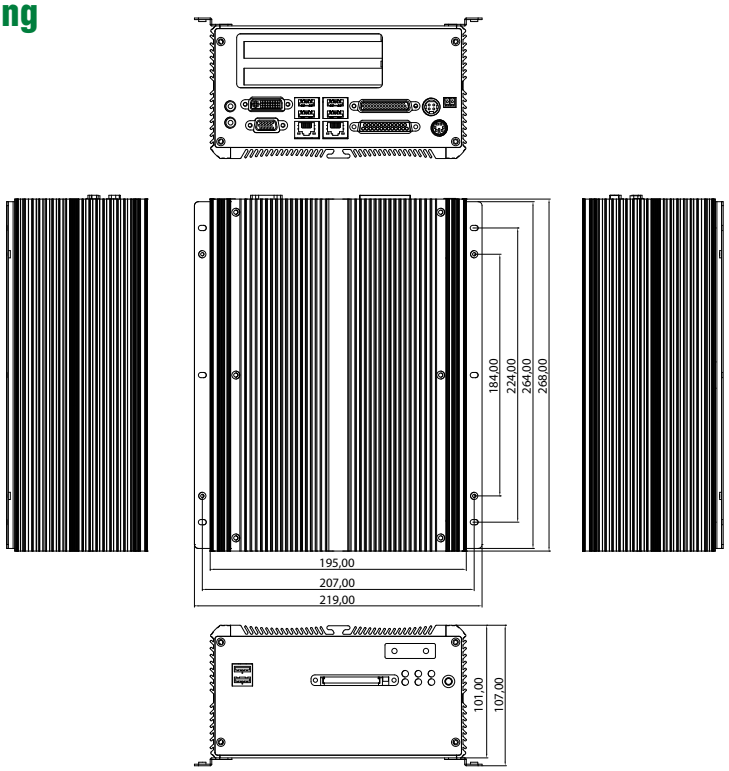
Power Requirements

- ATX power mode
- On-board DC to DC power support from 16V to 30VDC

Dimensions

- 195mm (W) x 268 mm (D) x 101mm (H) (7.6" x 10.5" x 4.2")

Dimension Drawing



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 B

Ordering Information

- **Barebone**
  NISE 3140P2 (P/N: 10J00314002X0) RoHS Compliant
  Intel® Core™ 2 Duo / Celeron® Fan-less Bare-Bone system with two PCI Expansions
- **Barebone**
  NISE3140P2E (P/N: 10J00314003X0)RoHS Compliant
  Intel® Core™ 2 Duo / Celeron® Fan-less Bare-Bone system with one PCI and one PCIe x1 Expansions

NISE 3270

Intel® Atom™ N270 1.6GHz Fan-less System with NVRAM/ RS 422/ 485 (Automatic Flow Control and Isolation)

Main Features

- **Onboard Intel® Atom™ N270 processor, 1.6GHz**
- **2 x RS232 and 2 x RS422/485 (Automatic Flow Control and Isolation)**
- **Type I/II PC Card (PCMCIA)**
- **PC/104 Plus Connectors for both PCI and ISA Interface**
- **CompactFlash Socket, VGA, USB Port, LPT, KB, Mouse, Ethernet and Audio**
- **Single DC Input Supply Voltage From +9 to +36 VDC**
- **Optional Chassis Upgrade Kit with Easy Expansion Solution**
- **NVRAM Socket Reserved for Optional Memory Backup SRAM**

Product Overview

Designed for industrial automation applications, the NISE 3270 fan-less system is built with aluminum chassis and is configured with onboard Intel® Atom™ N270 1.6GHz with 533MHz FSB processor. The NISE 3270 is rich in I/O with four serial ports — two of them are RS422/RS485 ports with Automatic Flow Control, ±15 KV ESD protection, and isolation voltage of up to 2000 VDC. Moreover, the NISE 3270 has VGA, LPT, and audio interface onboard. In terms of power supply, the NISE 3270 accepts a wide range of input DC voltages from +9 to +36 VDC.

The NISE 3270 is highly expandable. It has an optional NVRAM socket reserved for memory backup SRAM. Additionally, the NISE 3270 has a CF socket and supports PC cards (PCMCIA). For further system expansion, an optional 2nd tier expansion kit, available through ODM or special request, can be installed. Typical utilization of 2nd tier space on top of the original base enclosure includes a slim-type CD-ROM, PC/104, PCI 104 or PC/104 Plus modules that offer customer-defined I/Os. With features above, the NISE 3270 with Intel® Atom™ based platform is a great entry-level industrial automation system offering great value and strong performance.

Specifications

Main Board

- ICES 170 ETX Module
- Supports ETX Module with Intel® Atom™ Processor, VGA/ISA/PCI/IDE/LVDS/ Audio/COM/LPT/USB2.0/LAN Interface

Main Memory

- 1 x 200-pin SODIMM socket for up to 1 GB Non-ECC Non-Registered DDR2 400/523 SDRAM memory

Expansion

- PCI Expansion, PCMCIA x 1
- The NISE 3270 system design offers a expansion kit which is available upon ODM request.
  Typical utilization of 2nd tier space on top of original base enclosure could include a slim-type CD-ROM or PC/104, PCI 104 or PC/104 Plus modules with defined I/Os.
  The maximum height of the expansion kit combined with base enclosure is around 2U.
- PC/104 (ISA), PCI 104(PCI) or PC/104 Plus module w/ defi ned I/O output

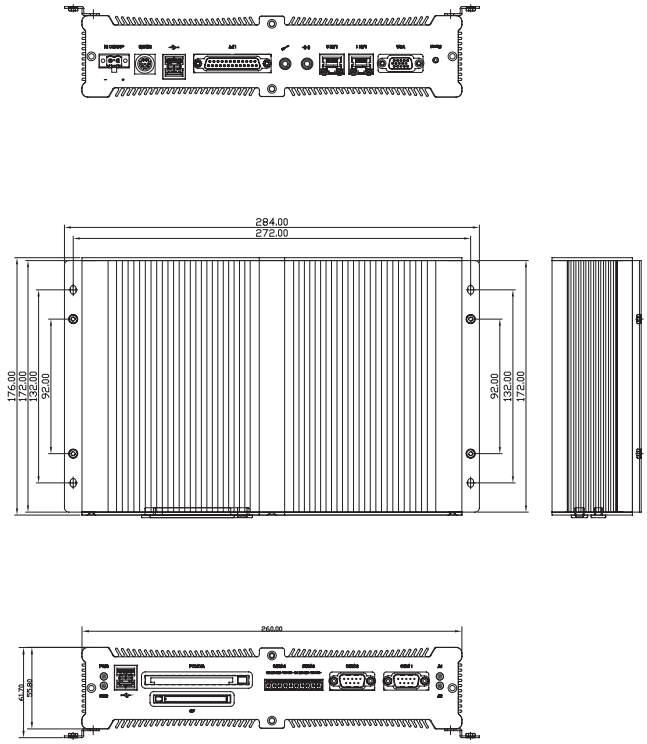
I/O Interface-Front

- Power/HDD status LEDs
- 2 LEDs, connect to GPIO, programmable for alarms or other purposes defined by developer
- 1 x PCMCIA socket
- Serial ports (Support RS-232); 1 x screw terminal for COM3 and COM4 support RS 422/485 (Automatic Flow Control and Isolation up to 2000 VDC)
- 2 x USB 2.0 ports

I/O Interface-Rear

- 2 x 10/100 Ethernet LAN
- 2 x USB 2.0 ports
- 1 x KB/Mouse connector
- +9 to +36 VDC power input
- Power reset button
- 1 x DB15 VGA connector
- 1 x Audio-out and 1 x Mic-in connector
- 1 x parallel port

Dimension Drawing



Device

- 1 x Front access PCMCIA socket
- 1 x Internal CompactFlash socket
- 1 x Internal 2.5" IDE HDD drive bay
- 1 x NVRAM socket

Dimensions

- 260 mm (W) x 176 mm (D) x 55 mm (H) (10.2" x 6.9" x 2.1")

Environment

- Operating temperature:
  Ambient with air flow
  5°C to 40°C (w/HDD)
  -10°C to 50°C (w/CF Card Only)
- Tcase (Surface Temperature of Chassis)
  5°C to 45°C (W/HDD)
  -10°C to 50°C (W/CF Card Only)
- Storage temperature: -20°C to 80°C
- Relative humidity: 10% to 90% (Non-condensing)

Certifications

- CE approval
- FCC

Ordering Information

- **NISE 3270-M512 (P/N: 10J00327000X0)**
  Intel® Atom™ Based fan-less Controller w/512MB memory; 2 x RS232 and 2 x RS422/485 (Automatic Flow Control and Isolation); NVRAM Socket Reserved for Optional Memory Backup SRAM; Type I/II PC Card (PCMCIA), CompactFlash Socket, VGA, USB Port, LPT, KB, Mouse, Ethernet and Audio; Single Input DC power supply voltage from +9 to +36 VDC
- **NISE 3270-M01G (P/N: 10J00327001X0)**
  Intel® Atom™ N270 Based fan-less Controller w/1G memory; 2 x RS232 and 2 x RS422/485 (Automatic Flow Control and Isolation); NVRAM Socket Reserved for Optional Memory Backup SRAM; Type I/II PC Card (PCMCIA), CompactFlash Socket, VGA, USB Port, LPT, KB, Mouse, Ethernet and Audio; Single Input DC power supply voltage from +9 to +36 VDC

Optional

- Power adapter(19V) w/ US type power cord (P/N:7400065001X00)
- Power adapter(19V) w/ Schuko type power cord (P/N:7400065002X00)
- Power adapter(19V) w/ UK type power cord (P/N:7400065003X00)
- NISE 3200/NISE 3220 expansion DIY Kit (P/N: 5060900046X00)