

Bx-400F-N270

Fanless Low Power Atom™ Industrial Box Computer

Features

Processor

- Atom™ N270 1.6 GHz Ultra Low Voltage, 533 FSB, 512 KB cache (FANLESS)

Memory

- 1 x DDR2 SO-DIMM, 200 pin, up to 2 GB

Mass Storage

- 2.5" SATA Hard Disk - 80 GB minimum
- SSD Flash Disk carrier with 1 or 2 Compact Flash slots (1 available from the outside)

Interfaces

- 4x USB2.0
- 2x Ethernet 10/100/1000 Mbps (Realtek PCIe 8111CP)
- 2x RS232 Serial Ports
- 1x optional RS232 Serial Port
- Keyboard (PS/2)
- Mouse (PS/2)
- VGA
- Audio

Expansion Slots

- 1x PCI
- 1x Mini PCI Express

Other

- Watchdog
- Real Time Clock

Operating System

- Windows® XP Professional
- Windows® XP Embedded



The Eurotech Bx-400F-N270 is a fanless Industrial Box Computer featuring the Intel® Atom™ N270 1.6 GHz Ultra Low Voltage processor. This feature increases energy efficiency while offering both targeted performance and low power consumption in a highly integrated design. All this while maintaining full Intel® Core™ micro-architecture instruction set compatibility.

The Bx-400F-N270 has been developed to resist the mechanical and thermal stresses commonly experienced in industrial environments.

Four USB2.0 interfaces, two 10/100/1000 Mbps Ethernet ports and two (optionally three) RS232 serial ports allow the connection of a vast range of devices. A monitor, mouse and keyboard can also be easily connected to the Bx-400F-N270 for fast setup operations.

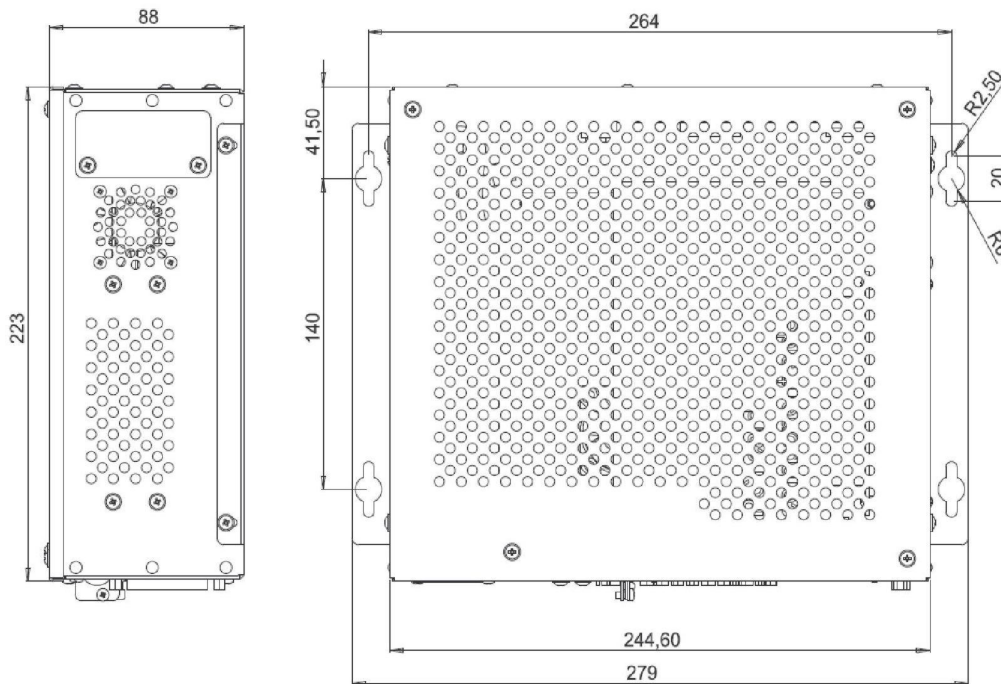
Using the two mounting brackets included in the kit, the Bx-400F-N270 can be installed on a DIN rail. Optionally, a mechanical kit can be ordered to fix the system in angled positions.

For embedded applications the Bx-400F-N270 can be equipped with an optional Compact Flash reader and the necessary support for operating systems such as Windows XPE.

Bx-400F-N270

Physical Characteristics

DIMENSIONS (L x W x H)	244.6 x 223 x 88 mm
POWER SUPPLY	24 V dc
OPERATING TEMPERATURE	0 to +45°C
RELATIVE HUMIDITY	10 to 90% non condensing
WEIGHT	About 4.5 kg



About Eurotech

Eurotech delivers embedded computer systems for high capability and low power applications, networking and wearable computing solutions, application framework middleware for multimedia, industrial, transportation, medical and wireless applications.

Eurotech platforms allow OEM and enterprise customers to focus on their core revenue-generating products and services and get to market quickly.

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