

Vx-120F-N270

Fanless Low Power Atom™ Panel Computer - 12.1" TFT Display

Features

Processor

- Atom™ N270 1.6 GHz Ultra Low Voltage, 533 FSB 600 MHz / 512 KB cache (FANLESS)

Display

- Size 12.1" TFT
- High Brightness 400 cd/m²
- Contrast 400:1
- Touchscreen, 8-wire resistive
- SVGA (800 x 600)

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

- 1x USB2.0 on the front panel
- 4x USB2.0 on the rear panel
- 2x Ethernet 10/100/1000 Mbps (Realtek PCIe 8111CP)
- 1x RS232 Serial Port
- 1x optional RS232 Serial Port
- Keyboard (PS/2)
- Mouse (PS/2)
- Audio
- VGA/DVI-D connector for external video

Expansion Slots

- 1x Mini PCI Express

Mounting

- Panel Mounting

Frontal Protection

- IP65

Operating System

- Windows® XP Professional
- Windows® XP Embedded



The Eurotech Vx-120F-N270 is a fanless Panel PC with a high brightness 12.1" TFT touchscreen display.

The Vx-120F-N270 features the Intel® Atom™ N270 1.6 GHz Ultra Low Voltage processor. This 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 characteristics of the integrated Single Board Computer and the use of static components, make the Vx-120F-N270 suitable for a multitude of environments, including industrial and building automation.

Four USB2.0 interfaces on the rear panel and one on the front panel, two 10/100/1000 Mbps Ethernet ports and one (optionally two) RS232 serial ports allow the connection of a vast range of devices. An external monitor, mouse and keyboard can also be easily connected to the Vx-120F-N270 for fast setup operations. A Mini PCI Express expansion slot is also available.

The touchscreen is 8-wire resistive: this guarantees durability and long-lasting calibration.

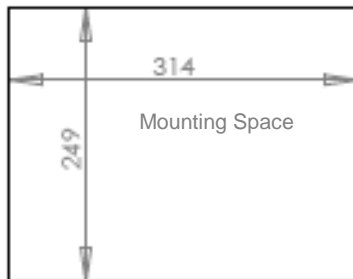
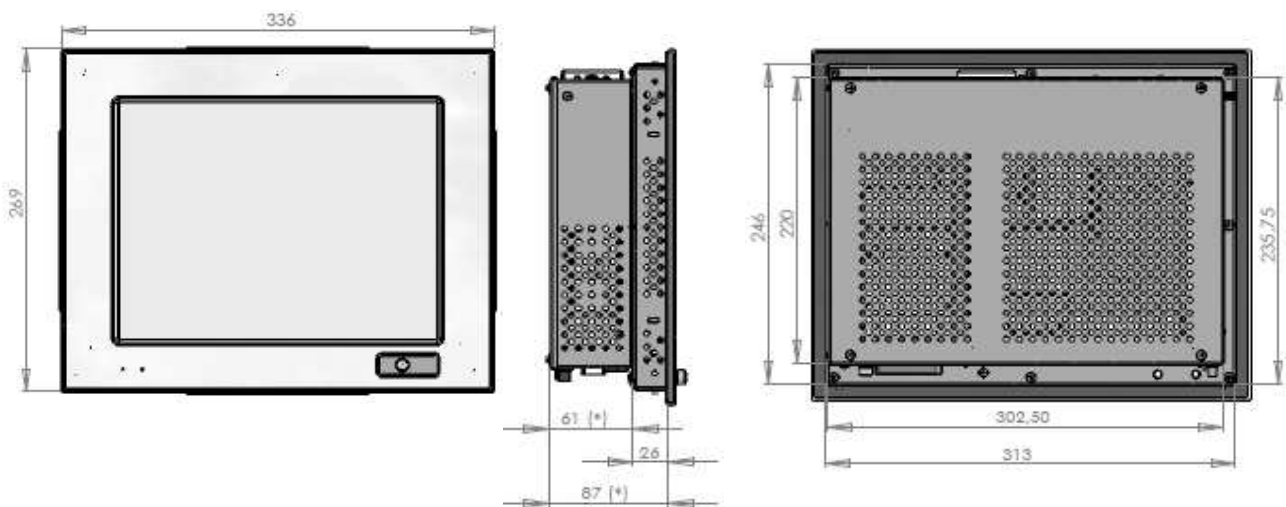
The front panel provides an IP65 protection rating and includes a USB port, PowerOn LED and Hard Disk Activity LED.

The Vx-120F-N270 uses the easy and fast "Rapido" mounting system.

Vx-120F-N270

Physical Characteristics and Mounting Information

DIMENSIONS	Refer to the picture below
POWER SUPPLY	24 V dc
OPERATING TEMPERATURE	0 to 45 °C
RELATIVE HUMIDITY	10 to 90% non condensing
WEIGHT	About 5 kg



"Rapido" Mounting System



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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Vx-120F-N270_SF_Rev 1.0

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