Neu-X60

Main Features

- Intel® processor N50
- Small footprint in palm size
- Pre-installed 4GB memory
- Pre-installed 128GB M.2 storage

- Support 1 x Intel® I226-V 2.5GbE LAN
- 1 x HDMI®, 1 x RS-232/422/485, 2 x USB 3.2
- 1 x Mini PCIe full size for optional wireless modules
- Great value for indoor applications

Product Overview

The Neu-X60 is powered by the Intel® processor N50, designed for low-power, high-efficiency performance. It is ideal for edge computing applications with limited space or low-power-consumption designs. The Neu-X60 supports an HDMI® display output, a 2.5GbE LAN port, dual USB 3.2 ports, and an RS-232/422/485 interface. Pre-installed with 4GB memory and 128GB M.2 storage, the Neu-X60 is well-suited for applications that need a simple yet dependable controller.

The palm-sized, fanless edge computing system is designed for digital signage, industrial control systems, IoT gateways, self-service kiosks, indoor applications, and retail equipment.

Specifications

CPU Support

- Intel® processor N50, TDP 6W

Graphics

- Intel® UHD graphics 750

Main Memory

- 1 x DDR4 3200 SO-DIMM, non-ECC, unbuffered, up to 16GB
- Pre-installed with one DDR4 4GB memory in system

I/O Interface-Front

- 2 x Antenna hole

I/O Interface-Rear

- 1 x DC 12V Jack, lockable design
- 1 x Power button with LED
- 1 x 2.5GbE RJ45 port with LEDs
- 2 x USB 3.2
- 1 x HDMI® 2.0
- 1 x COM port (DB9), supports RS-232/422/485

Internal I/O

- 2 x 5-pin header for two USB 2.0 ports

Expansion

- 1 x Full size Mini PCIe slot with nano-SIM slot onboard, supports optional Wi-Fi/BT/4G modules

Storage

- 1 x M.2 Key M 2242 storage, supports both SATA & PCIe signals
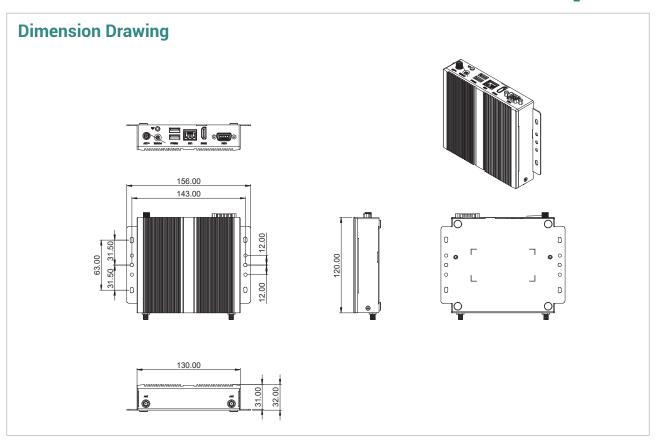- Pre-installed with one M.2 Key M 128G SSD in system

Power Supply

- DC +12V input
- 1 x AC/DC 12V 5A, 50W power adapter (included in accessory)

Environment

- Operating temperature: 0°C~40°C ambient with 0.7m/s air flow
- Relative humidity: 10%~95% (non-condensing)
- Vibration protection:
  - Random: 2Grms@5Hz~500Hz, IEC 60068-2-64
  - Sinusoidal: 2g@5Hz~500Hz, IEC 60068-2-6

Dimension Drawing

Mechanical & Dimension

- System unit:
  - Dimensions: 156mm (W) x 119.6mm (D) x 31mm (H) w/ mount bracket
  - Net weight: 0.53kg
- Package carton:
  - Dimensions: 230mm (W) x 215mm (D) x 115mm (H)
  - Gross weight: 1.32kg

Operating System

- Windows 10, 64bit
- Linux 4.1

Ordering Information

- **Neu-X60 (P/N: 10W100X6000X0)**

  Intel® processor N50, palm-sized fanless edge computing system