

Main Features

- Fan-less Power Supply
- 180W AC/DC Power Supply
- 2 x 24V DC Output

Product Overview

NEXCOM's modularized design Smart Box includes ETX form factor PC Box fan-less computer, industrial grade I/O BOX with up to 12 USB (6 with power) and 6 serial ports (RS232), and the 180-Watt tough Power Box power supply that renders 8 amps of electrical current at 24 VDC. The I/O Box provides rich device connection flexibilities to boost your POS applications while the Power Box provides reliable 24 VDC power to ensure smooth operations. All modularized components are designed to enhance POS/Kiosk application, which require various device connections and quick I/O expansion, such as receipt printers (counter, bar, kitchen), barcode scanner, magnetic strip reader, fingerprint reader, and cash drawers to meet all your Retail/POS applications in the vertical market.

The modularized and upgradeable design not only provides excellent peripheral connection flexibility but also offers convenient options to change CPU, HDD, Memory, I/O interface and power capacity. In addition, the modularized design also reduces the expense of maintenance and upgrade -- for lower Total Cost of Ownership.

Specifications

I/O Interface – Rear

- 1 x AC in power connector
- 2 x 6-pin 24V DC Output

Input Specifications

- Rated Input Voltage: 120Vac – 240Vac (Nominal)
- Input Voltage Range: 90Vac to 265Vac
- Input Frequency Range: 47Hz to 63Hz
- Input Current:
 - 100Vac, 4.0A max. (full load)
 - 240Vac, 2.0A max. (full load)

General Specifications

- Efficiency: \geq 85% 240Vac input
- Efficiency: \geq 80% 100Vac input
- MTBF: 50,000 hours, continuous operation at 25°C

Output Specifications

- Output Voltage: 24V 8A (6.5A/Typical, 7.7A/Max)
- Output Voltage Setting: 24V +/- 5% (22.8V ~ 25.2V)

Dimensions

- 260mm (W) x 176 mm (D) x 70mm (H)

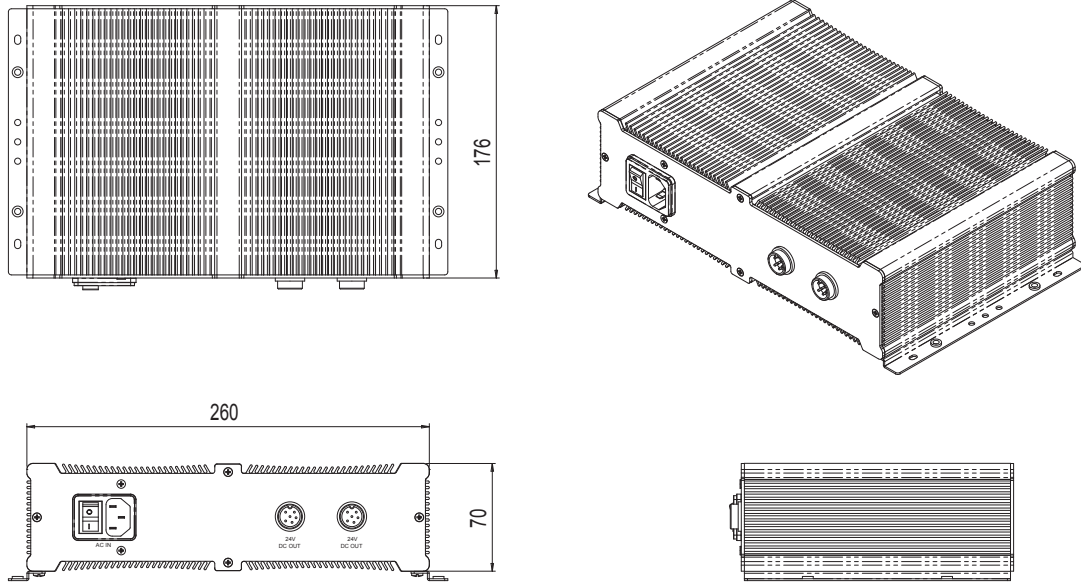
Environment

- Operating Temperature: 0 – 40°C (Ambient with Airflow)
- Storage Temperature: -20 – 80°C
- Operating Relative Humidity: 20% to 80% (Non-Condensing)
- Storage Relative Humidity: 10% to 90% (Non-Condensing)

Certificates

- CE approval
- FCC

Dimension Drawing



Ordering Information

- **ReBOX PW1 (P/N:10A000PW100X0)**
2 x 24V DC output, 180W AC/DC Fan-less Power Supply