NDiS B117

Duro Edge Computer
Powered by Rockchip RK3568J Processor





Main Features

- Rockchip RK3568J Arm® Cortex®-A55 Quad-core processor
- Support 2GB/4GB LPDDR4
- Support 32GB/64GB eMMC
- 1 x HDMI® 2.0 output, up to 4096x2160@60Hz
- 2 x GbE LAN
- 1 x COM port, supports RS-232/422/485
- 2 x USB 3.2, Type-A
- 1 x M.2 Key B 3042 for an optional storage/4G LTE module
- 1 x M.2 Key E 2230 for an optional Wi-Fi/BT module

Product Overview

The NDiS B117 is a cost-effective Industrial IoT (IIoT) solution designed to meet diverse industrial applications with stable performance and flexible scalability. Powered by the Rockchip RK3568J Arm® Cortex®-A55 Quad-core processor, with 4GB LPDDR4 memory and up to 64GB of eMMC storage, it handles equipment monitoring, data processing, and automation with ease. Equipped with Gigabit Ethernet and scalable for Wi-Fi, Bluetooth, and 4G modules, the NDiS B117 enables multi-connectivity for service industries such as self-service car wash stations, manufacturing, logistics, and smart building applications. It's just-fit of I/O interfaces, allows seamless integration into a wide range of edge AI systems, adapting to various equipment needs. The NDiS B117 serves as an ideal platform for smart industrial applications, enabling companies to achieve industrial upgrades cost-effectively, enhancing their competitive edge.

Specifications

Processor

- Rockchip RK3568J Arm® Cortex®-A55 Quad-core SoC processor

Memory

- Onboard LPDDR4, 2GB/4GB

Storage

- Onboard eMMC, 32GB/64GB

Display Interface

- 1 x HDMI® 2.0 output, up to 4096x2160@60Hz

Expansion Slot

- 1 x M.2 Key B 3042, supports a storage/4G LTE (SATA, USB 2.0) module
- 1 x M.2 Key E 2230, supports a Wi-Fi/BT (PCIe , USB 2.0) module
- 1 x microSD slot
- 1 x nano-SIM

I/O Interface Front

- 1 x Line out
- 3 x Antenna hole

I/O Interface Rear

- 1 x DC jack
- 1 x COM port, supports RS-232/422/485
- 1 x HDMI® 2.0 output, up to 4096x2160@60Hz
- 2 x GbE LAN port
- 1 x USB 3.2, Type-A
- 1 x USB OTG
- 1 x Reset button

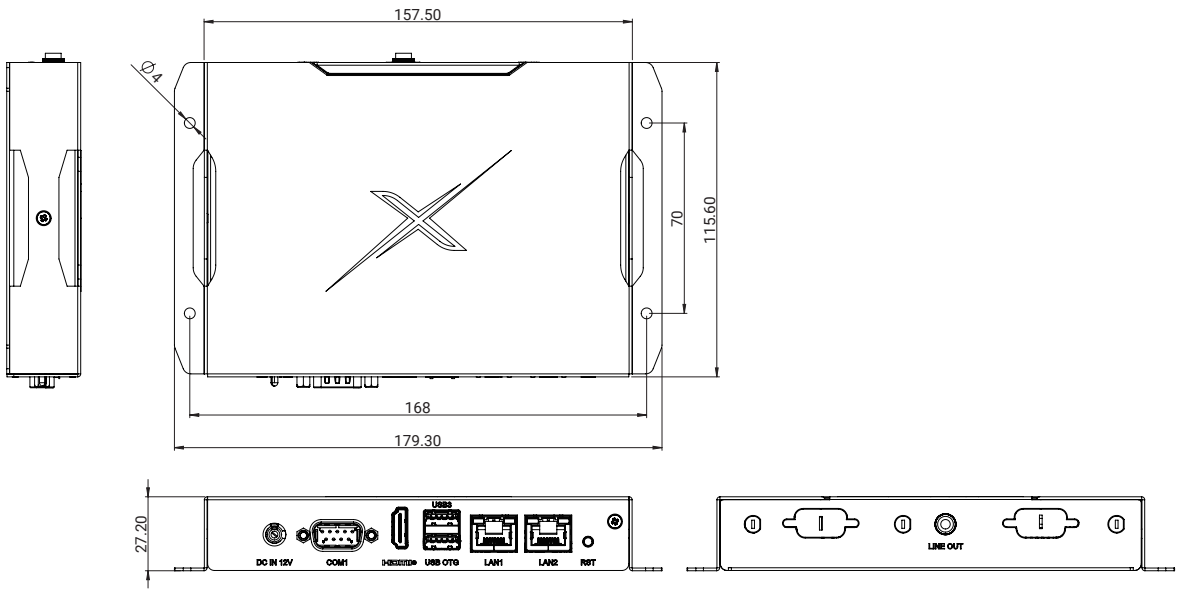
Mechanical

- Dimensions: 179.3mm (L) x 115.6mm (W) x 27.2mm (H)
- Net weight: 0.3kg

Package Information

- Dimensions: 482mm (W) x 230mm (D) x 183mm (H)
- Gross weight: 5kg (5 units per carton)

Dimension Drawing



Power Supply

- DC +12V input
- 1 x 50W power adapter (12V/4.16A) included

Environment

- Operating temperature: -20°C~60°C
- Storage temperature: -20°C~85°C
- Relative humidity: 95% (non-condensing)

Operating System

- Android™ 13

Ordering Information

- **NDiS B117 (P/N: 10W00B11701X0)**
  RK3568J, onboard 2G LPDDR4 and 32G eMMC
- **NDiS B117-4G-64G (P/N: 10W00B11700X0)**
  RK3568J, onboard 4G LPDDR4 and 64G eMMC

We reserve the right to change specifications and product descriptions at any time without prior notice.