



Industrial Box PC platform for deep learning based edge analytics and IIOT applications.

HIGHLIGHTS

- NVIDIA Jetson Nano Processor
- AI Ready for IIOT and Industry 4.0 applications
- Cost-effective Edge Analytics Deployment
- Process up to 8 Full-HD video streams with Deepstream SDK
- 4 GB 64-bit LPDDR4 RAM
- Dual 4K Video Decode & Display
- Industrial IO options (RS232/485)
- High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- Low power operation (< 10 Watts)
- Ideal for size and power constrained systems
- Fanless and robust design for 7/24 operation
- Individual configurations and ODM branding

TECHNICAL SPECIFICATIONS

CPU Quad-core ARM® Cortex®-A57 processor

GPU NVIDIA Maxwell™ GPU with 128 NVIDIA CUDA® Cores

Memory 4 GB 64-bit LPDDR4

Graphics Interfaces 1xDP 1.4 (max resolution 3840x2160), 1xHDMI 2.0(max resolution 3840x2160)

Interfaces 1x Gigabit Ethernet
2x USB 3.1 Type-A
1x RS232/422/485 (software configurable)

Wireless Communication WiFi/Bluetooth/LTE Connectivity by extension sockets

Power Supply 9-28 VDC

Internal Extension Sockets 1x miniPCIE, 1x M.2 Type-B Key, 1x microSD

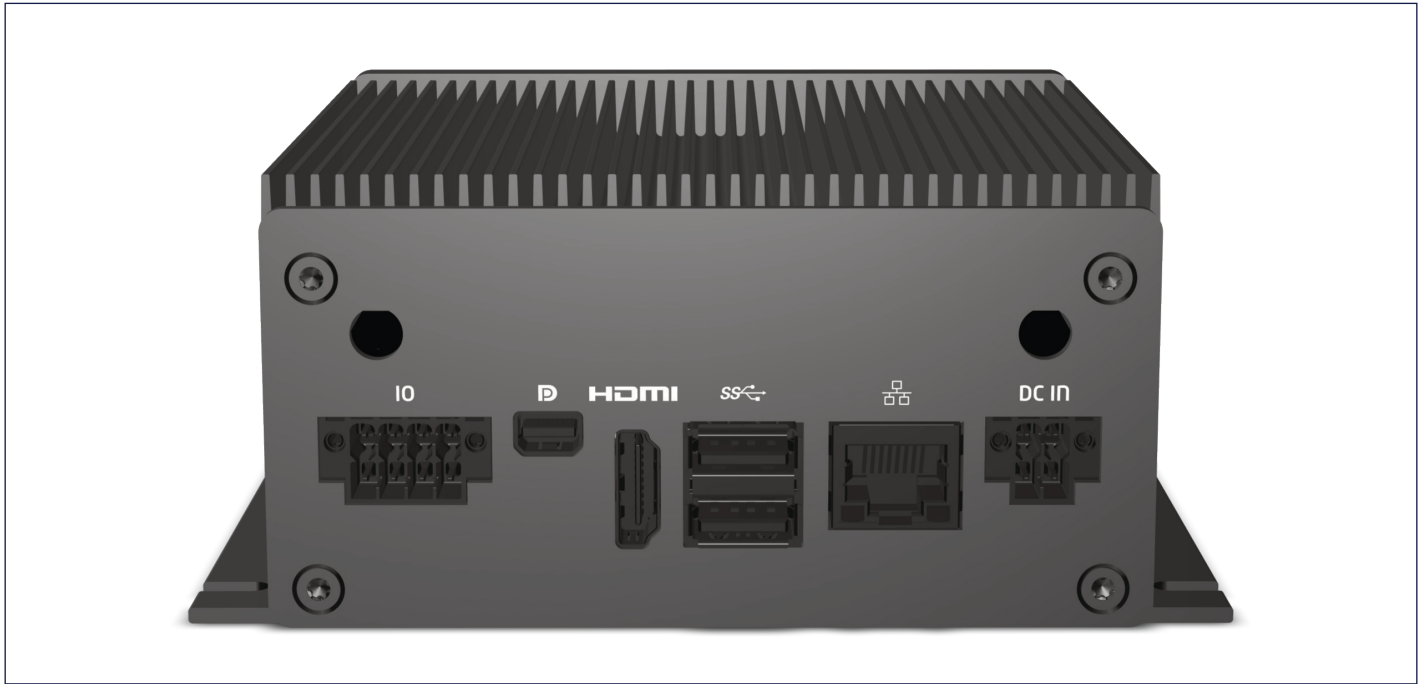
Internal Mass Storage 16 GB eMMC 5.1 Flash

Ambient Conditions -25°C ... +65°C

Form Factor / Dimensions 110 mm x 130 mm x 60 mm

Operating Systems Ubuntu Linux 18.04

CONNECTIVITY OPTIONS



ORDERING INFORMATION

DSBOX-N-AA	DSBOX-N without Industrial IO options
DSBOX-N-AB	DSBOX-N with Software Configured RS232/422/485 IO option
DSBOX-N-XX-P	DSBOX-N with Power Button option

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