



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
- 4K Video Decode & Display
- Industrial IO options (RS232/485, Digital I/O)
- 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** 1xHDMI 2.0(max resolution 3840x2160)

**Interfaces** 1x Gigabit Ethernet  
2x USB 3.1 Type-A  
1x RS232/422/485 (software configurable)  
4 Digital Inputs / 4 Digital Outputs

**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, 1x M.2 SSD Slot

**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-N2-AA** DSBOX-N2 with standard Industrial IO options

**DSBOX-N2-AA-SS** DSBOX-N2-AA with SS sized M.2 SSD

**DSBOX-N2-XX-P** DSBOX-N2 with Power Button option

### Forecr

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