



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

HIGHLIGHTS

- NVIDIA Jetson Xavier NX Processor
- Supercomputer performance in Box PC form factors
- AI Ready for deep neural networks (21 TOPS)
- Process 32 Full-HD video streams with Deepstream SDK
- 8 GB 128-bit LPDDR4x RAM
- Dual 4K Video Decode & Display
- Industrial IO options (RS232/485, CAN)
- High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- Low power operation (<15 Watts)
- Ideal for size and power constrained systems
- Fanless and robust design for 7/24 operation
- Individual configurations and ODM branding

TECHNICAL SPECIFICATIONS

CPU Six-core NVIDIA Carmel ARM® v8.2 64-bit

GPU NVIDIA Volta™ GPU with 48 Tensor Cores

Memory 8 GB 128-bit LPDDR4x

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 CAN Bus
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

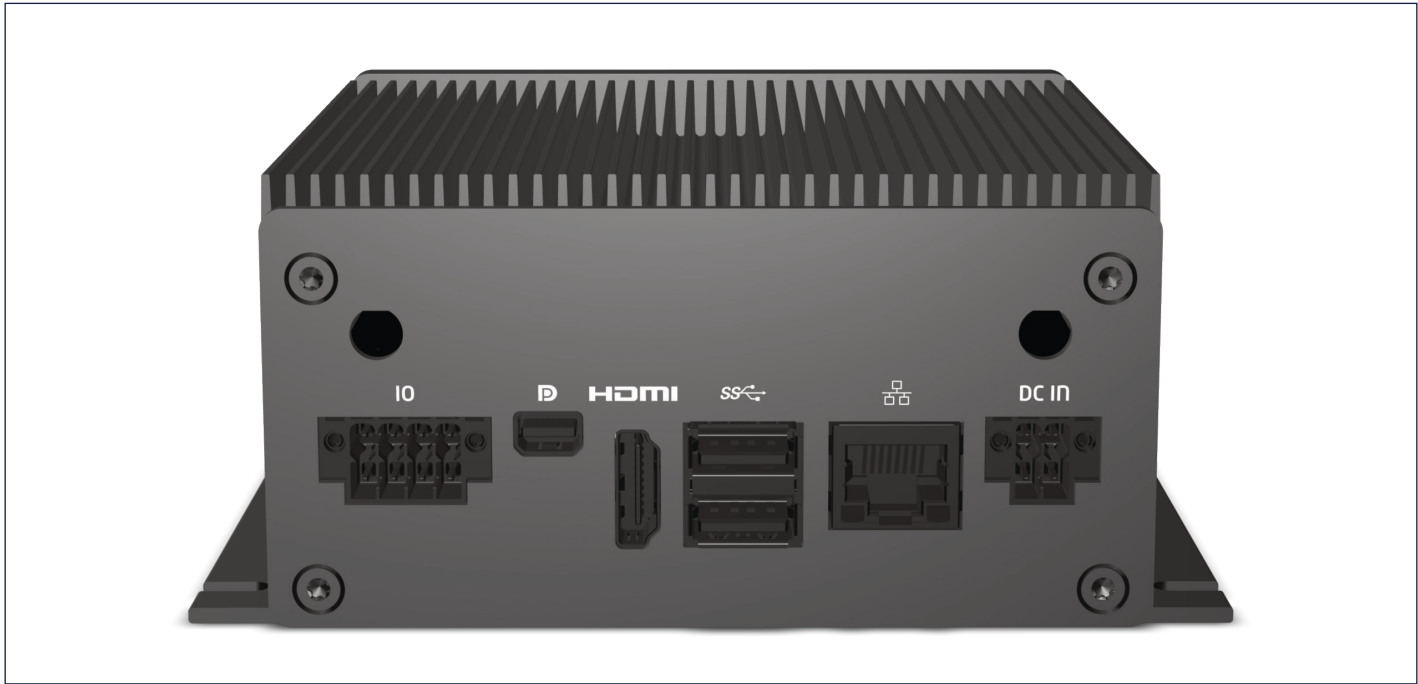
Internal Mass Storage 16 GB eMMC 5.1 Flash

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-NX-AA	DSBOX-NX without Industrial IO options
DSBOX-NX-AB	DSBOX-NX with Software Configured RS232/422/485 IO option
DSBOX-NX-AC	DSBOX-NX with CAN bus IO option
DSBOX-NX-AD	DSBOX-NX with Software Configured RS232/422/485 and CAN bus IO options
DSBOX-NX-XX-P	DSBOX-NX with Power Button option

Forecr
Ankara Teknopark TGB Yerleskesi 2224.cad. No:1
F215/216 | 06378 | Yenimahalle / Ankara / TURKEY
Tel.: +90 312 484-8576 | info@forecr.io
www.forecr.io