



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

## HIGHLIGHTS

- NVIDIA Jetson TX2 NX Processor
- Supercomputer performance in Box PC form factors
- AI Ready for deep neural networks (1.33 TFLOPS)
- Process 14 Full-HD video streams with Deepstream SDK
- 4 GB 128-bit LPDDR4x RAM
- 4K Video Decode & Display
- Industrial IO options (RS232/485, CAN, Digital I/O)
- 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

<b>CPU</b>	Dual-Core NVIDIA Denver 2 64-Bit GPU and Quad-Core ARM® Cortex®-A57 MPCore processor
<b>GPU</b>	256 core NVIDIA Pascal™ GPU
<b>Memory</b>	4 GB 128-bit LPDDR4
<b>Graphics Interfaces</b>	1xHDMI 2.0 (max resolution 3840x2160)
<b>Interfaces</b>	1x Gigabit Ethernet 2x USB 3.1 Type-A, 1x CAN Bus 1x RS232/422/485 (software configurable) 2 Digital Input / 3 Digital Output
<b>Wireless Communication</b>	WiFi/Bluetooth/LTE/5G Connectivity by extension sockets

<b>Power Supply</b>	9-28 VDC
<b>Internal Extension Sockets</b>	1x M.2 Type-E Key, 1x M.2 Type-B Key
<b>Internal Mass Storage</b>	16 GB eMMC 5.1 Flash, 1x MicroSD 1x M.2 Key-M SSD Slot
<b>Ambient Conditions</b>	-25°C ... +65°C
<b>Form Factor / Dimensions</b>	110 mm x 130 mm x 60 mm
<b>Operating Systems</b>	Ubuntu Linux 18.04

## CONNECTIVITY OPTIONS



## ORDERING INFORMATION

**DSBOX-TX2NX-AA**      DSBOX-TX2NX with standard Industrial IO options

**DSBOX-TX2NX-AA-SS**      DSBOX-TX2NX-AA with SS sized M.2 SSD

**DSBOX-TX2NX-XX-P**      DSBOX-TX2NX with Power Button option

### Forecr.io

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](http://www.forecr.io)