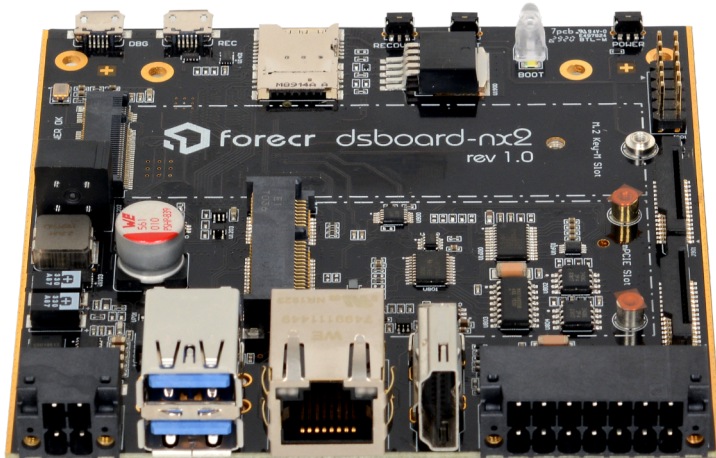




Cost-effective carrier board based on NVIDIA Jetson Nano and Xavier NX processor modules for edge analytics.

HIGHLIGHTS

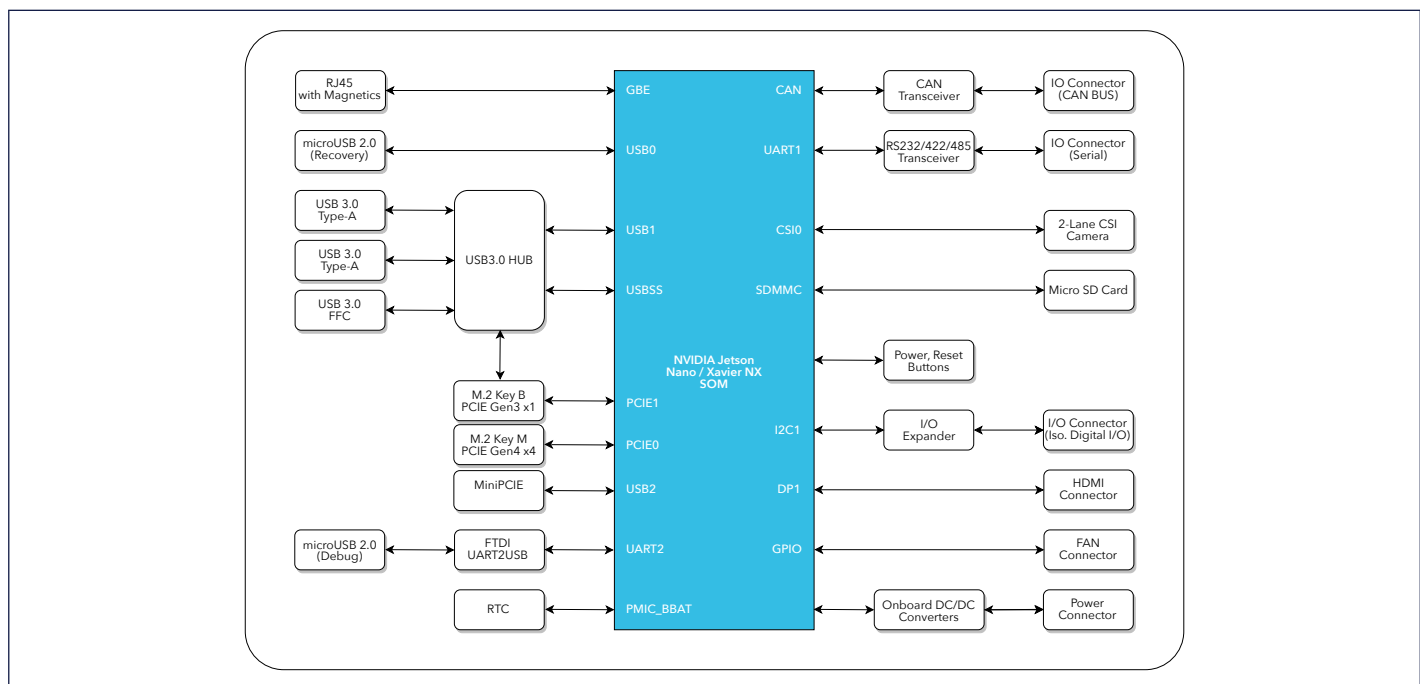
- Supports NVIDIA Jetson Nano and Xavier NX SOMs
- AI ready for edge analytics and multi-stream deep learning applications
- 4K Video Display (HDMI 2.0)
- Industrial IO options (RS232/485, CAN Bus, Digital I/Os)
- Rich extension options (MiniPCIE, M.2 Key B, M.2 Key M)
- High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- Robust power design
- Wide voltage input range
- Extended temperature range
- Ideal for size and power constrained systems
- Robust design for 7/24 operation

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson Nano NVIDIA Jetson Xavier NX
Memory	4 GB 64-bit LPDDR4 8 GB 128-bit LPDDR4x
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160)
Interfaces	1x Gigabit Ethernet 2x USB 3.1 Type-A 1x CAN Bus (Only in Xavier NX SoM) 1x RS232/422/485 (software configurable) 2x microUSB 2.0 (Debug/Recovery)
Wireless Communication	WiFi/Bluetooth/LTE Connectivity by extension sockets

Power Supply	9-28 VDC
Internal Extension Sockets	1x microSD, 1x MiniPCIE (USB only) 1x M.2 Key B (USB 3.0 + PCIe Gen3 x1) 1x M.2 Key M (PCIe Gen4 x4)
Internal Mass Storage	16 GB eMMC 5.1 Flash
Ambient Conditions	-40°C ... +85°C
Form Factor / Dimensions	100 mm x 100 mm
Operating Systems	Ubuntu Linux 18.04

CONNECTIVITY OPTIONS



ORDERING INFORMATION

DSBOARD-NX2-AA DSBOARD-NX2 without SOM module

DSBOARD-NX2-AB DSBOARD-NX2 with NVIDIA Jetson Nano SOM module

DSBOARD-NX2-AC DSBOARD-NX2 with NVIDIA Jetson Xavier NX SOM module

DSBOARD-NX2-XX-HS DSBOARD-NX2 with passive heatsink adapter

DSBOARD-NX2-XX-P DSBOARD-NX2 with Power Button option

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