

DSBOX-XV2

AGX XAVIER INDUSTRIAL BOX PC



HIGHLIGHTS

- › Supports NVIDIA Jetson AGX Xavier SOM
- › AI ready for edge analytics with 32 TOPS AI performance
- › 4K Video Display (HDMI 2.0)
- › Industrial IO options (RS232/485, CAN Bus, Digital I/Os)
- › Rich extension options (M.2 Key E, M.2 Key M)
- › High Speed Interfaces (Gigabit Ethernet, USB 3.1)
- › Robust design for 7/24 operation
- › Wide voltage input range
- › Extended temperature range

TECHNICAL SPECIFICATIONS

Supported Modules	NVIDIA Jetson AGX Xavier 32GB NVIDIA Jetson AGX Xavier 64GB NVIDIA Jetson AGX Xavier Industrial
Memory	32 / 64 GB 256-bit LPDDR4x
Graphics Interfaces	1x HDMI 2.0(max resolution 3840x2160)
Interfaces	1x Gigabit Ethernet 2x USB 3.1 Type-A 1x CAN Bus 1x RS232/422/485 (software configurable) 2x Type-C (Debug/Recovery) 2x Digital Input 3x Digital Output
Wireless Communication	WiFi/Bluetooth Connectivity by extension sockets
Power Supply	18-30 VDC
Extension Sockets	1x M.2 Key-E, 1x MicroSD
Mass Storage	32 / 64 GB eMMC 5.1 Flash 1x M.2 Key-M SSD Slot
Ambient Conditions	-25°C ... +85°C
Form Factor / Dimensions	160 mm x 110 X 95 mm 1340gr
Operating Systems	Ubuntu Linux 18.04 / 20.04
JetPack Support	JetPack 4.x JetPack 5.x

DSBOX-XV2 is a powerful edge computing device designed for industrial applications that require high processing power and reliability. It is powered by the NVIDIA Jetson AGX Xavier module, which features an NVIDIA Volta GPU with 512 CUDA cores and an eight-core ARM64 CPU. This provides DSBOX-XV2 the processing power required for complex industrial applications such as machine learning, computer vision, and AI.

The DSBOX-XV2 features a rugged and compact design optimized for harsh industrial environments. It is built with an aluminum chassis that provides excellent heat dissipation and protection against dust, shock, and vibration. It also has a wide operating temperature range (-25°C to 60°C) and a wide input voltage range (18V to 32V) to ensure reliable operation in various industrial environments. DSBOX-XV2 is a powerful and reliable edge computing device that is well-suited for industrial applications that require high processing power and ruggedness. Its combination of powerful hardware and software development tools makes it a versatile solution for a wide range of industrial applications.



Transportation



Robotics



Agriculture



Manufacturing



Security and Surveillance



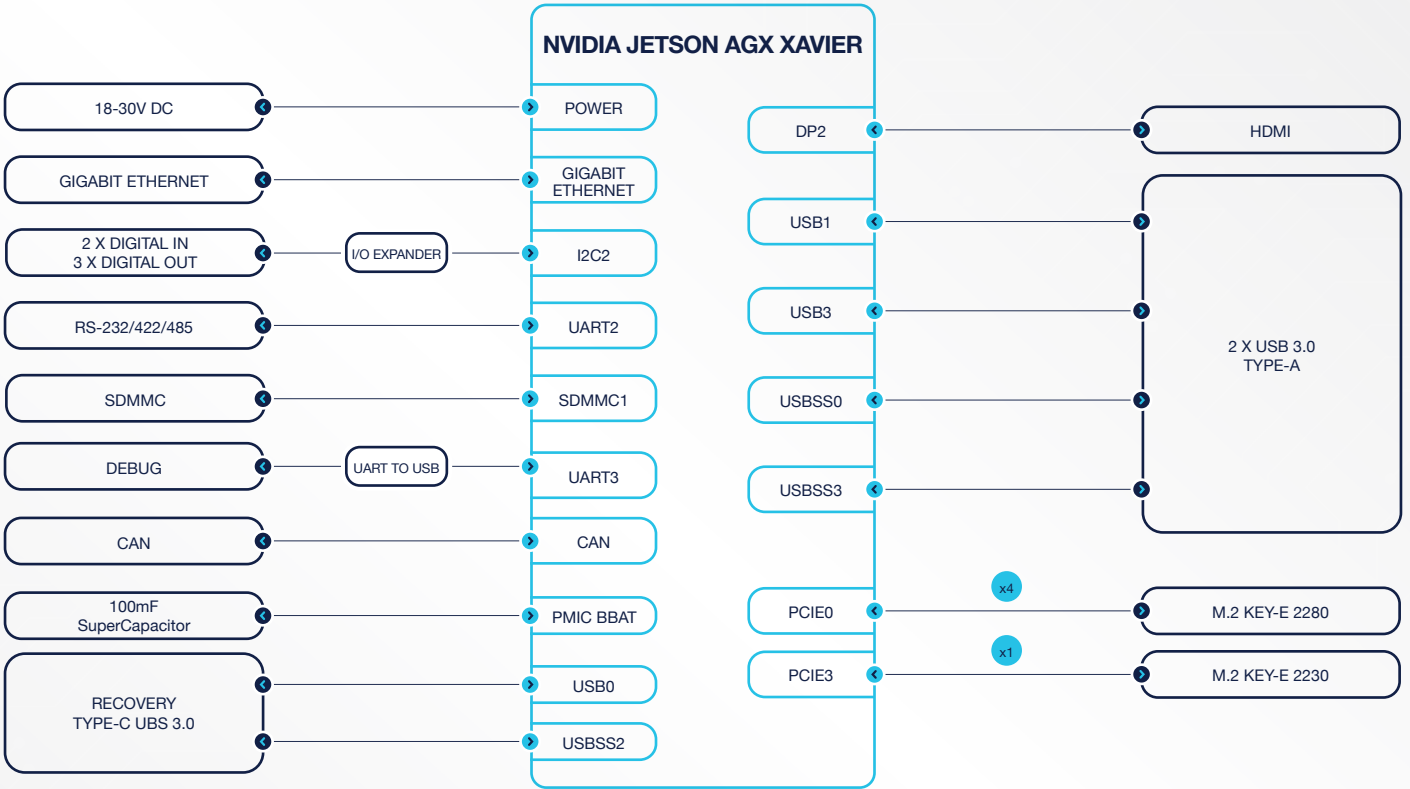
Smart City

DSBOX-XV2

AGX XAVIER INDUSTRIAL BOX PC



BLOCK DIAGRAM



FOR ORDERING



Forecr OÜ (Reg No: 16578675)

VAT No: EE102592089
Sakala tn 7-2, Tallinn, 10141, Estonia

Forecr OÜ (Technopol Office)

Akadeemia tee 21/1 (II-floor), Room 219, 12618, Tallinn, Estonia

Mist Elektronik Ltd. Sti.

Gazi Üniversitesi Gölbaşı Yerleşkesi Teknokent Binası B Blok
No:10/50-B/23 06830 Gölbaşı / ANKARA / TURKEY

