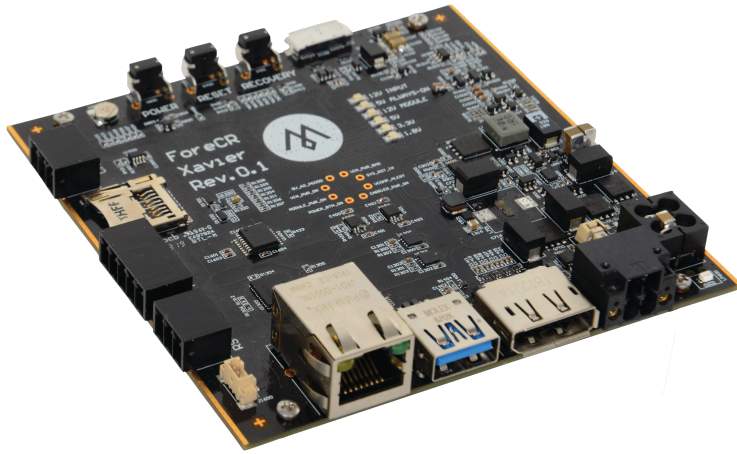




Robust, industrial carrier board based on NVIDIA Jetson AGX Xavier processor modules for super-computer level edge analytics.

HIGHLIGHTS

- Supports NVIDIA Jetson AGX Xavier SOM family
- Supercomputer level performance for edge analytics and multi-stream deep learning applications
- 4K Video Display (DP 1.4)
- Industrial IO options (RS-422, CAN Bus)
- 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 AGX Xavier 8GB/32GB NVIDIA Jetson AGX Xavier Industrial
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Memory	8 GB 256-bit LPDDR4x 32 GB 256-bit LPDDR4x
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Graphics Interfaces	1xDP 1.4 (max resolution 3840x2160)
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Interfaces	1x Gigabit Ethernet 1x USB 3.1 Type-A 1x CAN Bus 1x RS-422, 1x microUSB 2.0 (Debug) 1x microUSB 3.0 (Recovery)
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Wireless Communication	None
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Power Supply	19-28 VDC
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Internal Extension Sockets	1x microSD
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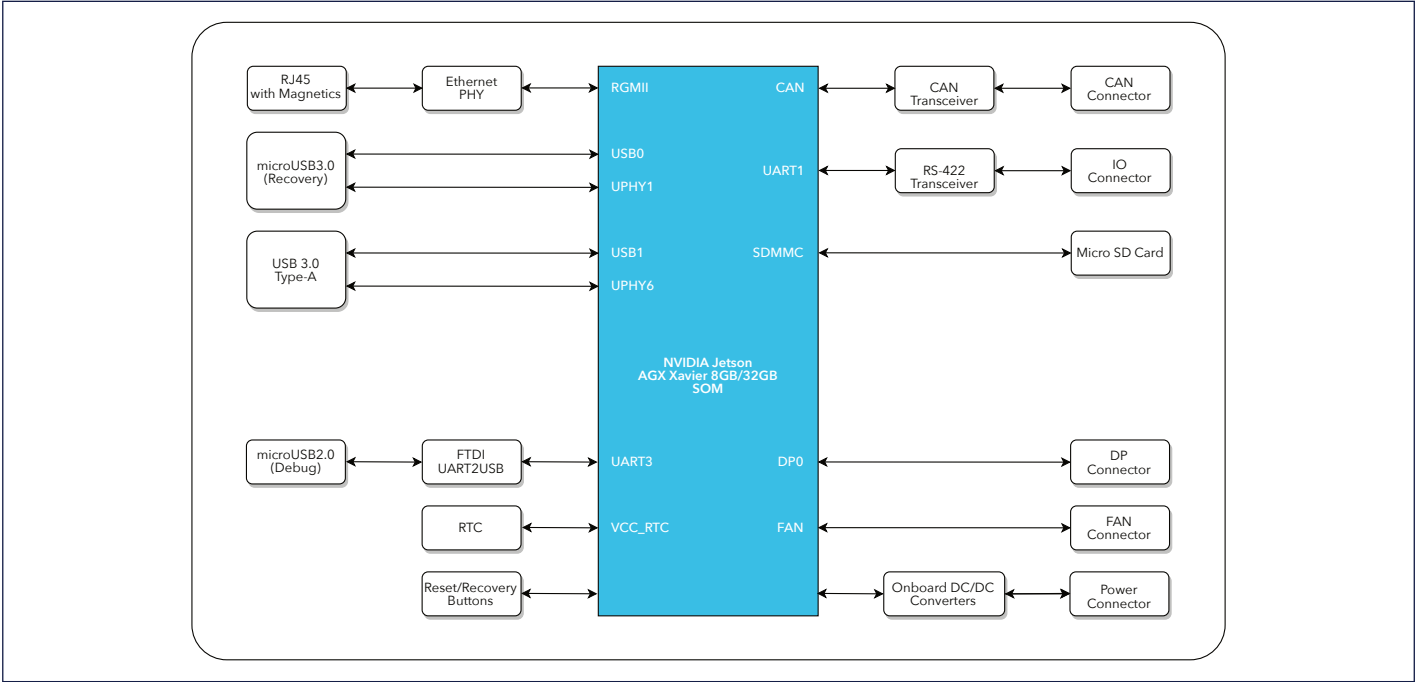
Internal Mass Storage	32 GB eMMC 5.1 Flash
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Ambient Conditions	-40°C ... +85°C
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Form Factor / Dimensions	100 mm x 100 mm
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Operating Systems	Ubuntu Linux 18.04
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CONNECTIVITY OPTIONS



ORDERING INFORMATION

DSBOARD-XV-AA	DSBOARD-XV without SOM module
DSBOARD-XV-AB	DSBOARD-XV with NVIDIA Jetson AGX Xavier 8GB SOM module and passive heatsink adapter
DSBOARD-XV-AC	DSBOARD-XV with NVIDIA Jetson AGX Xavier 32GB SOM module and passive heatsink adapter
DSBOARD-XV-AD	DSBOARD-XV with NVIDIA Jetson AGX Xavier Industrial SOM module and passive heatsink adapter

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