

## X400 for NVIDIA



### X400 Carrier board for NVIDIA® AGX Xavier™

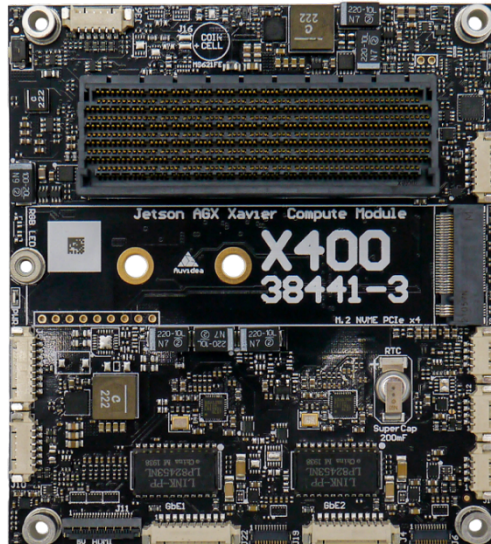
#### X400 Carrier board

The X400 (38441-3) is just slightly larger than the AGX Xavier compute module (90mm x 100mm). It also features Components only on the top side for easy System Integrations.

The X400 is specially designed for system integrators. With it's low profile connectors and a variety of adapter options it provides a great amount of flexibility. With these options you can easily place the ports you need at custom spots of your enclosure or system.

Another feature of the standard X400 is it's flat bottom side without any components. This helps to safely integrate this carrier board without any danger of shorting components or interfering with your enclosure.

The X400 features an industrial strength design and is commercially deployable in small and big volumes.



Description	X400	X400-AI
Power	12 Volt	12 Volt
Force Recovery	Yes	Yes
HDMI	1x 22 FPC	1x 22 FPC
Fan connector	Yes	Yes
PWR button	No	Yes
Reset button	No	Yes
FR button	Yes	Yes
MCU	Yes	Yes
I2S/I2C	Yes	Yes
UFS	No	1xUFS
M.2 NVME Key M	1x	1x
M.2 Key E	No	No
M.2 Key B	Only with U100	Only with U100
CAM LED	No	Yes
USB 3	2x USB 3.0/3.1 (native - full performance)	2x USB 3.0/3.1 (native - full performance)
Micro USB	No	No
Auto Flashing	Yes (plug in host cable and flash)	Yes (plug in host cable and flash)
USB 2	2xUSB 2.0	2xUSB 2.0
Ethernet	2xGbE	2xGbE (with alternative connectors)
PoE option	No (only with add-on)	No (only with add-on)
MIPI CSI-2	No	2x CSI with 4 lanes
UART	Console UART	Console UART
RS485	No	Optional
CAN	Yes	Yes
Crypto chip	For software copy protection and licensing	For software copy protection and licensing
Size	90mmx100mm	90mmx100mm

#### X400 Carrier Board

SKU	Carrier board
70420	X400
70420-AI	X400-AI

#### Adapters for X400

SKU	Cable adapter
38497	HDMI adapter IP67
38498	dual USB 3.0 adapter IP67
38499	RJ45 (Ethernet) adapter IP67
38501	single USB 3.0 adapter IP67
38502	single USB 2.0 adapter IP67
38503	micro USB 2.0 adapter IP67

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