

X400 for NVIDIA



X400 Carrier board for NVIDIA® AGX Xavier™

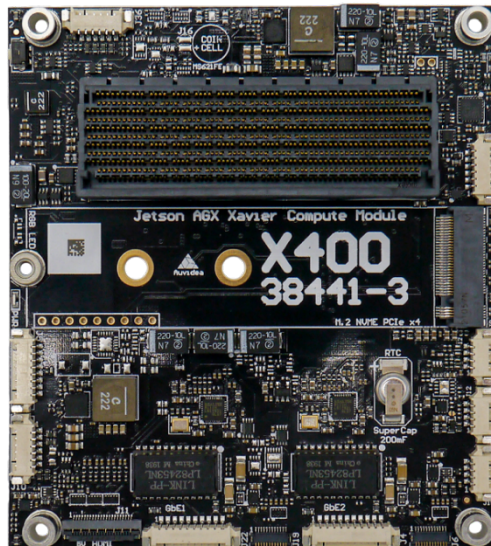
X400 Carrier board

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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