

Boot from SSD with NVIDIA® Jetson AGX Xavier™

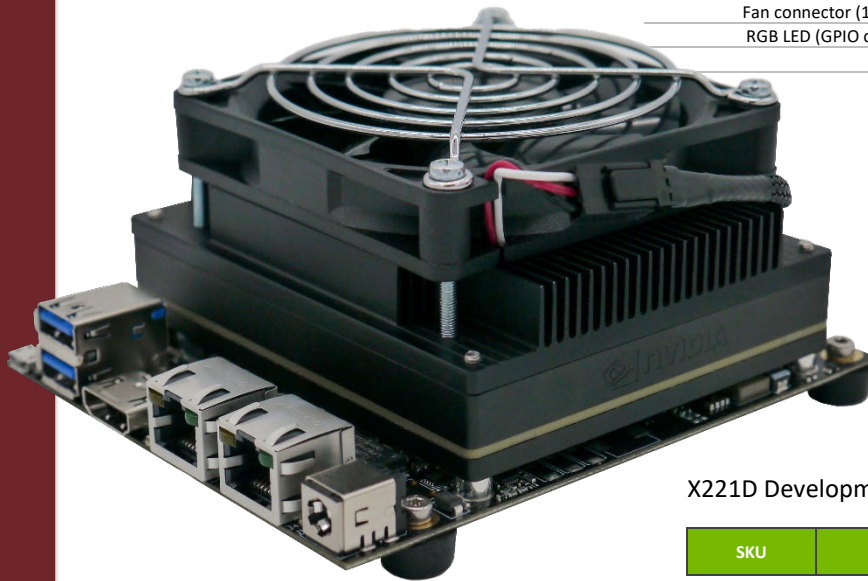
X221D Development System

These systems let you dive into AI with ease. They allow you to explore AI applications like people detection, face masking and more. The full suite of NVIDIA SDKs may be installed. At your choice these systems can be equipped with the entire family of NVIDIA compute modules in the AGX Xavier form factor.

The X221D features an industrial strength design and is commercially deployable in any volume.

Technical Specifications

| Description | X221D |
|-------------------------------------|--------------------------|
| Operating Voltage | 12V |
| Fan connector | yes |
| Jetson power modes | 30W + MAXN |
| RTC super cap | 200mF |
| Rechargeable lithium cell (MS621FE) | optional |
| Revers voltage protection | yes |
| Overvoltage protection | yes |
| HDMI out | 1x |
| USB 2.0 | 1x (micro) |
| USB 3.1 | 2x (type A) |
| MCU | yes |
| GbE (RJ45) | 2x (RTL8111 PCIe to GbE) |
| PCIe x1 | 1x FPC 22 pin (J37) |
| PCIe x4 | 1x FPC 40 pin (J20) |
| CAN (RX/TX only) | 1x |
| CAN | 1x |
| UART | 1x |
| I2C | 2x |
| CSI-2 | 2x (4 lanes, 22 pin) |
| Auto flashing | yes |
| Debug port | yes |
| Fan connector (12V, PWM) | 1x |
| RGB LED (GPIO controlled) | yes |
| Size | 125x104.6mm |



X221D Development System

| SKU | Kit | Compute module | SSD |
|--------------|-------------------|----------------|-------|
| 70885-32-128 | X221D-AGX32-128GB | AGX 32GB | 128GB |
| 70885-32-2T | X221D-AGX32-2TBi | AGX 32GB | 2TB |
| 70885-64-128 | X221D-AGX64-128GB | AGX 64GB | 128GB |
| 70885-64-2T | X221D-AGX64-2TBi | AGX 64 GB | 2TB |

Carrier board is populated on the top side. The bottom side will be populated on request.

Each system includes

- X221D carrier board
- compute module (AGX Xavier)
- 128GB Transcend NVME M.2 SSD (PCIe x4)
- custom designed heatsink and standard fan (80x80mm)
- 12V 60W power supply (FSP060-DHAN3)
- EU, US or UK power cable optional

Specifications subject to change without notice. All trademarks are property of their respective holder.

