X221



# **Boot from SSD with NVIDIA Jetson AGX Xavier**

### X221 development systems

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 X221 features an industrial strength design and is commercially deployable in any volume.

#### Features

- 128 GB SSD with large boot partition for Linux, Jetpack
   4.x, SDKs (VisionWorks, DeepStream and more)
- requires Linux host PC and Internet connection to initially flash the system and install the software
- a large variety of addon modules available from Auvidea
- industrial strength design

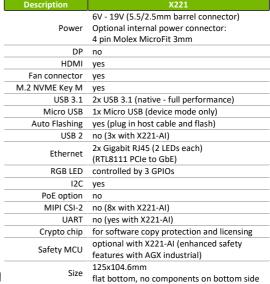




Photo shows prototype heatsink – production version in late Jan 2022

## X221 Development Systems

Each system includes

X221 carrier board

compute module (AGX Xavier)

128GB Transcend NVME M.2 SSD (PCIe x4)

12V 60W power supply (FSP060-DHAN3)

EU, US or UK power cable optional

custom designed heatsink and standard fan (80x80mm)

SKU	Kit	Compute module	SSD
70881-32-128	X221-AGX32-128GB	AGX 32GB	128GB
70881-AI-32-128	X221-AI-AGX32-128GB	AGX 32GB	128GB
70881-64-128	X221-AGX64-128GB	AGX64GB	128GB
70881-AI-64-128	X221-AI-AGX64-128GB	AGX64GB	128GB
70881-i32-128	X221-AGXi32-128GB	AGX32GB	128GB
70881-AI-i32-128	X221-AI-AGXi32-128GB	AGX32GB	128GB

# Optional\*

- fully populated variants available
- addon boards for more USB and Ethernet ports
- IMU
- board EEPROM
- extension port for PCIe x4/x1/USB/UART/I2C/GPIO
- LM823 WIFI modules (up to 2)
- 4-8 CSI-2 interfaces on extension port
- micro SD/UFS card
- RTC battery (rechargeable)
- over current protection
- UPS option for graceful power down
- on board MCU for watchdog and remote power cycle (LTE)

\*available with fully populated X221-Al version

DVIDIA. ELITE PARTNER

Specifications subject to change without notice.

All trademarks are property of their respective holder
Copyright 2022 Auvidea GmbH

www.auvidea.com sales@auvidea.com