

Edge AI System Kit AN110-XNX/XNX16-EN70

WHAT'S IN THE KIT?

- 1 x AN110-XNX/XNX16-EN70 system
- Ubuntu 18.04
- NVIDIA® Jetson Xavier™ NX module
- 1 x power adaptor with 12VDC, 5A
- 1 x EU power cord



Prepare the materials below

- A monitor with HDMI and respective cables
- USB keyboard and mouse
- Ethernet cable

STEP 1 GET READY

- Check if AN110-XNX/XNX16-EN70 Edge AI System Kit comes with passive cooling design, NVIDIA Jetson Xavier NX module, NVIDIA Jetpack package and Ubuntu 18.04 operating system
- Follow the instructions carefully before connecting cables and powering on

STEP 2 CONNECT HARDWARE



STEP 3 SETUP DETAILS

1. Connect to the monitor while powering off
2. Power on and automatically enter the OS
3. Log in to the Ubuntu 18.04 OS via credentials below

Username: nvidia

Password: nvidia

*Caution high temperature: The high-performance system heats up in operation

Product Specifications

Model Number	AN110-XNX-EN70
Module	NVIDIA Jetson Xavier NX
AI Performance	21 TOPS
Storage	16 GB eMMC 5.1 flash
Jetpack Version	Please visit Aetina official website (www.aetina.com)
LAN	1 x RJ-45
Display	1 x HDMI Type A
USB	2 x USB3.2 Gen1 Type A 1 x USB2.0 AB OTG
MISC. Function	5 x GPIO (DB9 female connector) , 1x RS-232 , 2 x UART , 1 x I ² C (DB9 connector)
MISC. Function	1 x Power button
Storage	1 x Micro SD slot
Expansion	1x M.2 E-key 2230 : Wifi
Power Input /Connector	DC-in 12V, DC Jack
Temperature	-20°C to 55°C(-4°F~ 131°F) / Storage Temperature:-40°C to 80°C(-40°F~ 176°F)
Humidity	5% ~ 90% (non-condensing)
Dimension (W x D x H)	120 x 72.5 x 100mm (4.72" x 2.85" x 3.94")
Weight	880g(1.94lb)
Mounting	wall mount (optional)
OS Support	Ubuntu 18.04
Certification	CE/FCC Class A

Safety Precaution

Please follow the below safety instructions carefully. It is advised that you keep this quick start guide for future references.

1. Take note of all cautions and warnings on the device
2. Make sure the power source matches the power rating of the device
3. Position the power cord so that people do not step on it. Do not place anything over the power cord
4. Always completely disconnect the power before working on the system
5. Do not make any connections while the device is powered on. A sudden rush of power may damage sensitive electronic components
6. If you will not use the device for a long time, disconnect the power to avoid damage by transient over-voltage
7. Always disconnect this device from any power supply before cleaning
8. While cleaning, use a damp cloth instead of liquid or spray detergents
9. Make sure the device is installed near a power outlet and easily accessible
10. Keep this device away from humidity
11. Place the device on a solid surface during installation to prevent it from falling
12. Do not cover the openings on the chassis. This is to ensure optimal heat dissipation
13. Keep an eye for high temperatures when the system is running
14. Do not touch the heat sink or heat spreader when the system is running
15. Never pour any liquid into the openings, or may causing fire or electric shock
16. Most of the electronic components are sensitive to static electrical charge, be sure to ground yourself when installing internal components in any static-shielded containers
17. If any of the following situations arise, please contact our service personnel:
 - I. Damaged power cord or power supply
 - II. Liquid intrusion through the device
 - III. Exposure to moisture
 - IV. Device is not working as expected or in a manners as described in this quick start guide
 - V. The device is dropped or damaged
 - VI. Any obvious signs of damage on the device
18. Do not operate the device beyond 55°C(131°F)
19. Store the device from -40°C to 80°C (-40°F to 176°F) to prevent damage

FCC Statement

This device complies with Part FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

Caution: There is a danger of explosion if the battery is incorrectly replaced. Replaced only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions and your local government's recycling or disposal directives.

Attention: Il y a u risque d'explosion si la batterie est remplacée de façon incorrecte. Nela remplacer qu' avec le même modèle ou équivalent recommandé par le constructeur. Recycler les batteries usées en accord avec les instructions du fabricant et les directives gouvernementales de recyclage.

Regulatory

