

This version is JETSON XAVIER NX-SUB developer kit (eMMC version), not JETSON XAVIER NX developer kit (Official Demo). It aims to solve the long-term material shortage problem of the JETSON XAVIER NX developer kit (Official Demo). It is a cost-effective kit for all users. And it has the same performance as the JETSON XAVIER NX developer kit (Official Demo), only slightly different in storage performance.

The SUB developer kit comes with 16G eMMC storage and does not support TF card. In order to meet the needs of AI development, all SUB kit configurations in our store include a 128G NVMe SSD. Its reading speed is more than 18 times that of TF card, and its writing speed is more than 5 times that of TF card.

Kit Comparison	JETSON XAVIER NX developer kit (Official Demo)	JETSON XAVIER NX developer kit-SUB (eMMC version)
Storage	TF card (Prepare by yourself)	Does not support TF card, comes with 16G eMMC5.1. We will provide 128G SSD , its reading speed is more than 18 times that of TF card, and its writing speed is more than 5 times that of TF card.
Core module	The original version of the official kit (no eMMC version)	NVIDIA original NX core module (eMMC version)
Carrier board	NX official kit original carrier board, comes with integrated antenna	NX-SUB carrier board, same interface, same performance, need external antenna
Network card	Official original M.2 wireless network card	8265AC Dual-band M.2 wireless card
Flash method	Support windows tool to write system image file to TF card, Support Linux SDKManager to write system image file.	Support Linux SDKManager to write the original system image to eMMC, Not support windows tool to write system image file.
Power supply	Official original (including adapter) DC19V 2.37A	Power supply, DC15V 3A
Product performance	Except for the storage method, the performance parameters are the same, such as CPU/GPU/carrier board interface/power consumption	
Size	103mm * 90.5mm * 34mm	100mm * 80mm * 29mm

