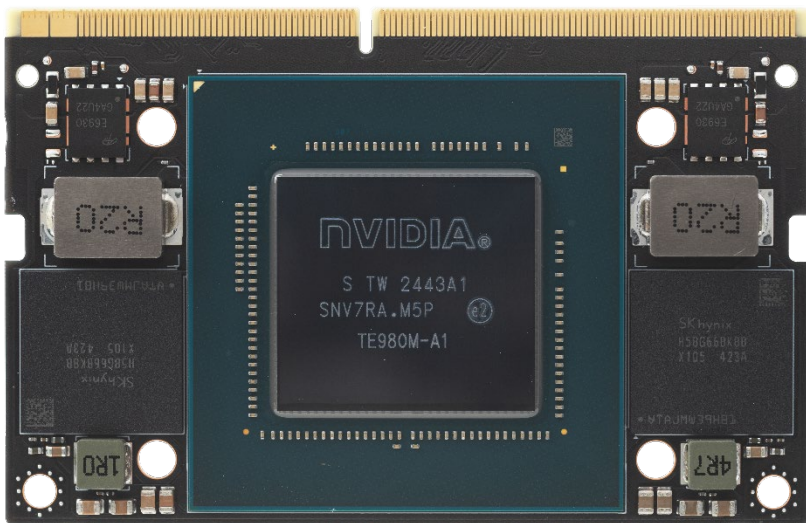


Specifications



Jetson Orin NX (16GB)	
Module	Original NVIDIA Jetson Orin NX (16GB) module
CPU	Octa-core 64-bit ARM Cortex-A78AE v8.2 processor, up to 2.0GHz
AI performance	157 TOPS
GPU	1024 core NVIDIA Ampere architecture GPU with 32 Tensor Cores
DL accelerator	2 × NVDLA v2
Visual accelerators	1 × PVA v2
Video encoding	H.265: 1×4K60, 3×4K30, 6×1080p60, 12×1080p30
Video decoding	H.265: 1×8K30, 2×4K60, 4×4K30, 9×1080p60, 18×1080p30
Memory	16GB 128-bit LPDDR5, 102.4GB/s
Storage	Support external NVMe
Connector	260-pin SO-DIMM connector
Size	69.6mm(L) × 45.0mm(W)
Environment	Operating Temperature: -20°C ~ 60°C, Storage Temperature: -20°C ~ 70°C, Storage Humidity: 10% ~ 90%RH(non-condensing)
Ethernet	1 × GbE
Camera	Up to 4 cameras (8 via virtual channel) 8-channel MIPI CSI-2 D-PHY 2.1 (up to 20 Gbps)
Display	1 × 8K60 multimode DP 1.4a (+MST)/eDP 1.4a/HDMI 2.1
USB	3 × USB3.2 Gen2 (10Gbps), 3 × USB2.0
PCIe	1×4 + 3×1 (PCIe 4.0, root ports and endpoints)
Other interfaces	3 × UART, 2 × SPI, 2 × I2S, 4 × I2C, 1 × CAN, PWM, DMIC, DSPK, GPIO