



QBiX Jetson Series (NVIDIA Jetson Systems)

QBiX-ORNX16

Preliminary

Key Features

AI system with NVIDIA® Jetson Orin™ NX

- System Size : 124W x 127.6D x 47.7H (mm)
- NVIDIA® Jetson Orin™ NX, up to 100 TOPS
- 16GB 128-bit LPDDR5 DRAM
- AI of Medical Application
- VESA Mount 75/100 support

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Specification

Dimension	124W x 127.6D x 47.7H (mm)
AI Accelerator	NVIDIA® Jetson Orin™ NX Jetson Orin NX 16GB
AI Performance	Up to 100 TOPs
CPU	8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
GPU	NVIDIA® Ampere™ architecture with 1024 NVIDIA® CUDA® cores and 32 Tensor cores
Memory	16GB 128-bit LPDDR5 DRAM (Module)
Ethernet	1 x GbE LAN Port

Display output	1 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @ 60Hz
Video input	1 x HDMI input (Optional) 1 x VGA input (Optional)
Storage	1 x 2280 M.2 SSD (PCIe Gen2x2)(M2M_2)
Expansion-Slots	1 x 2280 M.2 M-Key (PCIe Gen4x4, Support HDMI Capture card)(M2M_1) 1 x 2230 M.2 E-Key
Front I/O	1 x USB Type C (OTG) 2 x USB 2.0 1 x Power button with LED 1 x Recovery button

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Specification	
	2 x External Antenna Holes (Optional)
Side I/O	3+
Power	+19VDC
Operation Temperature	Operating temperature: 0°C to 40°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing) Use wide temperature range memory and storage
Mounting	VESA 75/100 P/N: 25HB1-TPL021-S8R x 1 + 25KSD-000002-C0R x 1 (Screw) (Optional)
Order Information	9BQNORNXDMR-SI (Box packing)