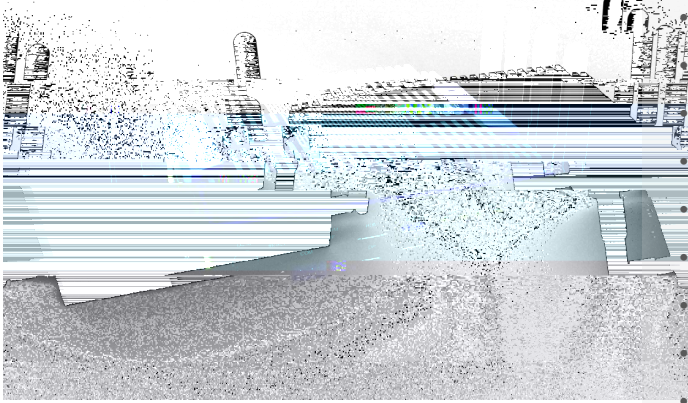
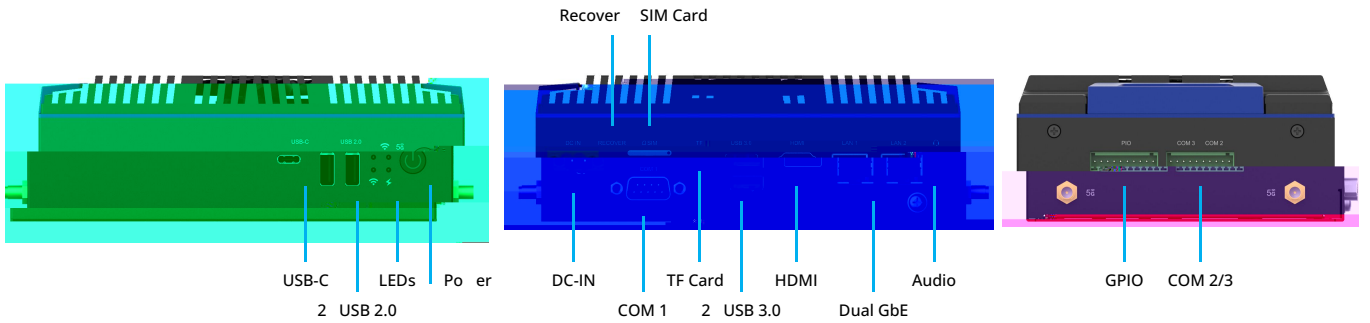


# NVIDIA Jetson Orin NX ARM



NVIDIA Jetson Orin NX 8GB/16GB  
Ampere GPU + Cortex-A78AE CPU  
117/157 INT8 TOPS AI

2x GbE 6x USB 3x COM 8x GPIO  
GPS WiFi 5G/4G LoRa  
M.2 NVMe SSD TF  
TPM/TCM  
Linux Ubuntu OS + NVIDIA JetPack SDK



	NVIDIA Jetson Orin NX 8GB	NVIDIA Jetson Orin NX 16GB
	70 TOPS ( ) / 117 TOPS (SUPER)	100 TOPS ( ) / 157 TOPS (SUPER)
	1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores	1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores
	6-core Arm Cortex-A78AE v8.2 64-bit CPU	8-core Arm Cortex-A78AE v8.2 64-bit CPU
	1x NVDLA v2	2x NVDLA v2
	1x 4K 60 / 3x 4K 30 / 6x 1080p60 / 12x 1080p30 (H.265)	
	1x 8K 30 / 2x 4K 60 / 4x 4K 30 / 9x 1080p60 / 18x 1080p30 (H.265)	
	8GB 128-bit LPDDR5	16GB 128-bit LPDDR5
	1x M.2 2280 NVMe SSD (PCIe x4)	
	1x TF ,	
	NVIDIA Jetson integrated GbE and RTL8119I	
	2x RJ45, 10/100/1000 Mbps	
	1x M.2 Key E, WiFi 5/WiFi 6	
	1x M.2 Key B, 4G/5G ; 1x Micro SIM	
	1x Mini PCIe, LoRa	
	GPS , /	
	1x HDMI 2.1, 4K 60	
	1x 3.5mm Combo Jack	
	1x USB 3.0 Type-C, 2x USB 3.0 Type-A, 2x USB 2.0 Type-A	
	1x DB9 (RS-232/485 )	
	1x 10Pin (1x RS-232+1x RS-485)	
	1x (RS-232/TTL )	
	1x ( DB9 )	
	1x 10Pin (4 /4 )	
	CR2032 ,	
	Z32H330TC TCM/TPM 2.0	
	12V DC-IN	
	2P-5.08mm ,	
	, Recovery , , LED	
	187mm x 131mm x 54mm	
	Ubuntu 22.04 + JetPack 6.2 ( SUPER )	
	0-60 ( SSD , -20-70 )	
	-20-75	
	10%-90% RH,	
	CCC, CE Class A	

