

EAC-10N3

NVIDIA® Jetson Orin™ NX AI Box
Preliminary



Features

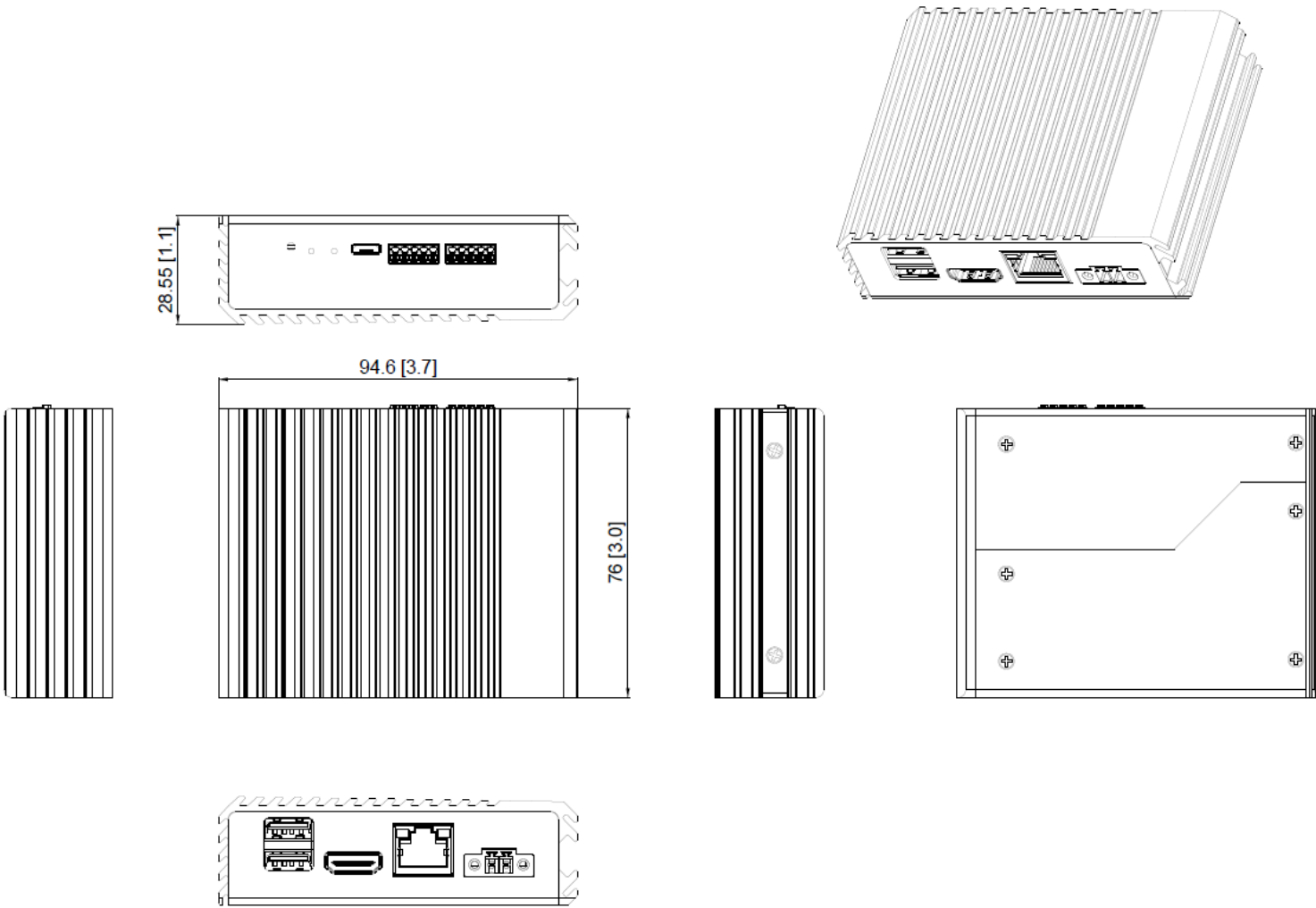
- Powered by NVIDIA® Jetson Orin™ NX
- Multiple I/O interface connections for data collection
- Gigabit LAN, USB 3.2, Series Ports, HDMI
- Wide range power input 9~36VDC
- Compact, lightweight and conveniently portable AI BOX

Specifications

System		Interface	
CPU/GPU	NVIDIA® Jetson Orin™ NX 6/8-core Arm® Cortex®-A78AE v8.2 64-bit CPU	Serial Port	2 x RS-232/485 switchable
Memory	Onboard 8/16G 128-bit LPDDR5	CAN Bus	--
Storage	1 x M.2 M-Key 2242, support NVMe	Ethernet	1 x GbE LAN, RJ45
Real time clock	Yes	USB	2 x USB 3.2 Gen1, Type-A
Indicators	LED indicator x 1 (Power)	DI/DO	--
Wireless	--	AI/AO	--
Operating System	Linux (NVIDIA Jetpack 5.1.2 and above)	Display	1 x HDMI 2.0-Out
Power Supply		Power Connector	2-pin Terminal Block
Power Requirement	9 to 36 VDC	Debug Port	1 x Micro USB for console
Power Consumption	TBD	Expansion Slot	1 x MIPI CSI-2 with FPC connector
MTBF (Hours)	--	Other Interface	--
Environmental and Mechanical			
Dimension	94.6mm x 76mm x 28.55mm		
Weight	0.3 kg		
Mouting/Installation	Din Rail, Wall Mount, VESA		
Operating Temperature	TBD		
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 85 °C)		
Operating Humidity	10% ~ 95% relative humidity, non-condensing		
Certification			
Regulations	CE, FCC		
Carrier	Planning		

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
2EAC-10N3-0405-01 NVIDIA® Jetson Orin™ NX, 8GB, 128GB NVMe, 9 to 36VDC	EAC-10N3 BOX x1 2-pin Terminal block Connector x1
2EAC-10N3-0505-01 NVIDIA® Jetson Orin™ NX, 16GB, 128GB NVMe, 9 to 36VDC	

Optional Accessories

Part Number / Item	
4B01XUD12060AS3	Adapter (In:100-240V / Out: DC12V 5A 60W)
4K02X00000030AR	Power Cord EU
4K02X00000020AR	Power Cord US