



Features

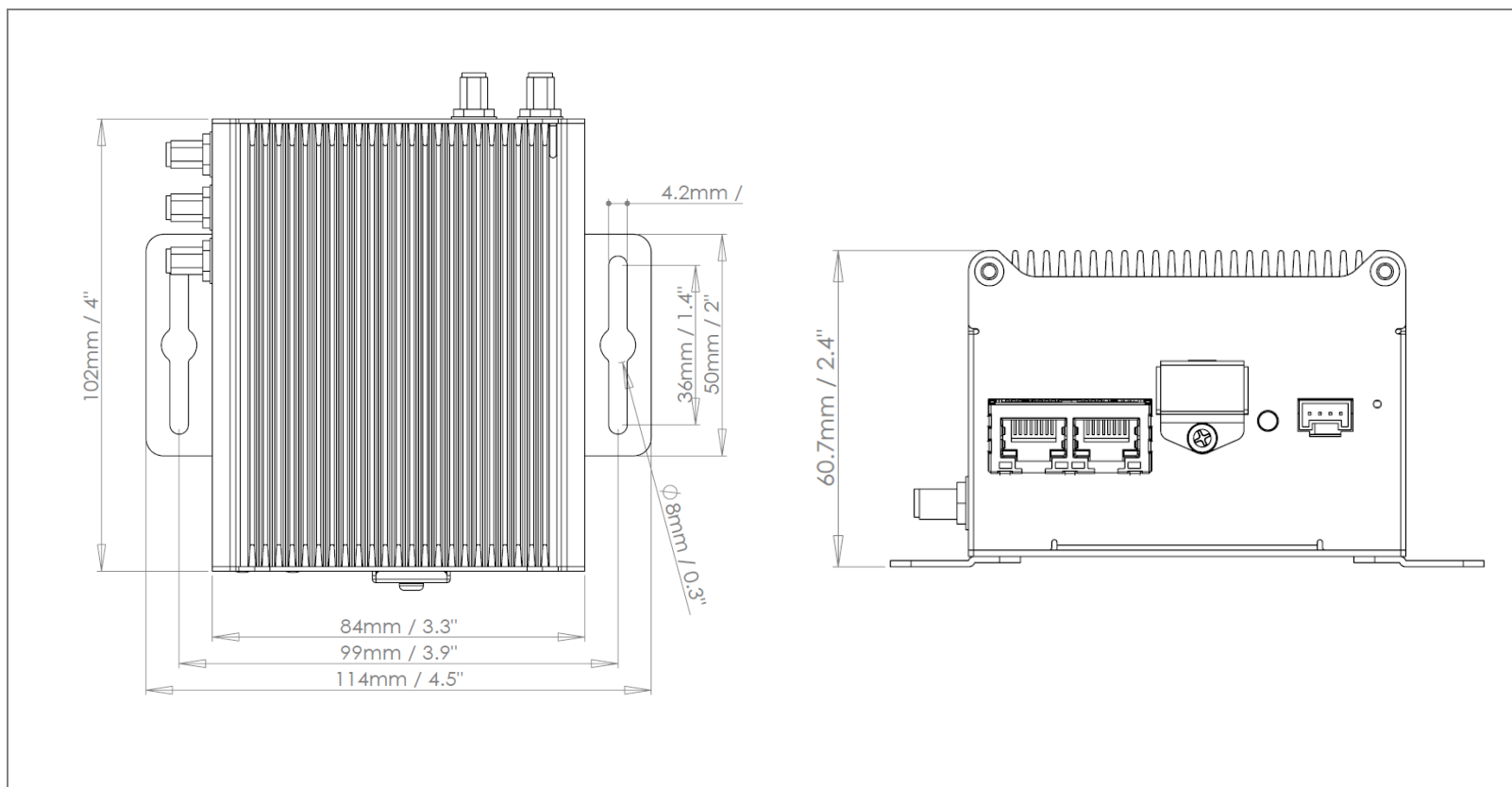
- Powered by NVIDIA® Jetson Orin™ Nano
- Max. LPDDR5 8GB
- Multiple I/O interface connections for data collection
Gigabit LAN, USB 3.1, Serial Port, CAN-FD
- Wide operating temperature range -20°C to 50°C

Specifications

System		Interface	
CPU/GPU	NVIDIA® Jetson Orin™ Nano 6-core Arm® Cortex®-A78AE v8.2 64-bit CPU 1024/512-core NVIDIA Ampere architecture GPU with 32/16 Tensor Cores	Serial Port	--
Memory	Onboard 8GB / 4GB 128-bit LPDDR5	CAN Bus	1 x CAN bus
Storage	1 x M.2 M-Key 2280, support NVMe	Ethernet	2 x GbE LAN, RJ45
Real time clock	Yes	USB	3 x USB 3.1, Type-A 1 x USB 2.0, Type-A
Indicators	LED indicator x 3 (Power, SD Card, SSD)	DI/DO	--
Wireless	1 x M.2 E-Key 3042/3052	AI/AO	--
Operating System	Linux (NVIDIA Jetpack 5.1 and above)	Display	1 x HDMI 2.0-Out
Power Supply		Power Connector	Terminal Block
Power Requirement	12 VDC	Debug Port	1 x Micro USB for console
Power Consumption	Max. 15W	Expansion Slot	1 x SIM card slot 1 x Micro SD slot
MTBF (Hours)	--	Other Interface	--
Environmental and Mechanical			
Dimension	4.4" x 4.0" x 2.38" (114 x 102 x 60.7 mm)		
Weight	0.65 kg		
Mouting/Installation	Din Rail, Wall Mount		
Operating Temperature	-4 °F ~ 122 °F (-20 °C ~ 50 °C)		
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
eNVP-JON-UB-F2000 NVIDIA® Jetson Orin™ Nano, 4GB, 12VDC eNVP-JON-UB-F3000 NVIDIA® Jetson Orin™ Nano, 8GB, 12VDC	eNVP-JON-UB BOX x1 3-pin Terminal block Connector x1

Optional Accessories

Part Number / Item			
3ENTR00DTH0001R	I/O Cable Kit	3ENTR00DTH0003R	LE910C4-EU M.2 B-KEY 3042 CAT4 4G Kit
4B01XUD12060AS2	Adapter (In:100-240V / Out: DC12V 5A 60W)		
4K02X00000030AR	Power Cord EU		
4K02X00000020AR	Power Cord US		