



NVIDIA®



Features

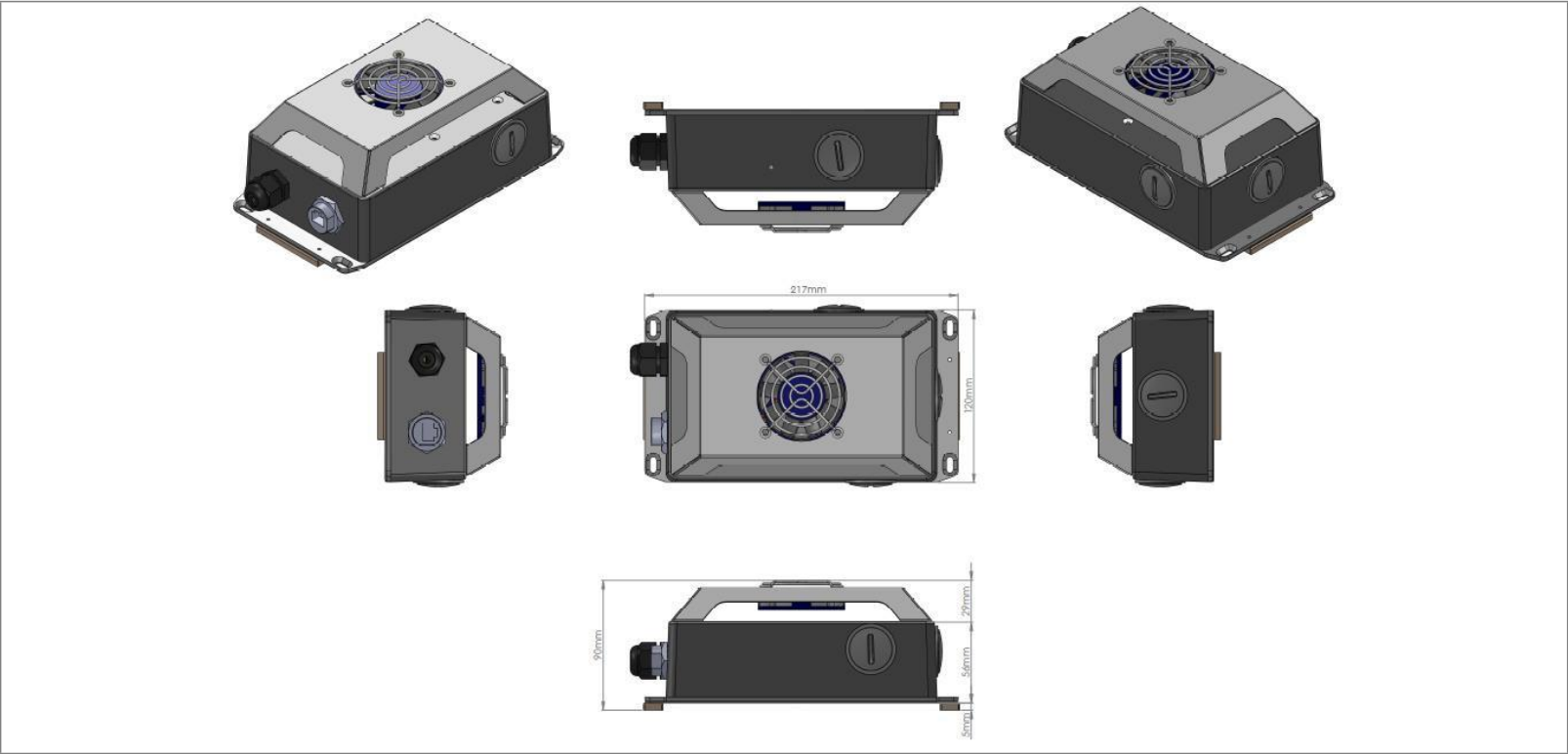
- Powered by NVIDIA® Jetson Orin™ NX
- Onboard 16GB 128-bit LPDDR5
- IP65 Design
- Wide operating temperature range -30°C to 70°C

Specifications

System		Interface	
CPU/GPU	NVIDIA® Jetson Orin™ NX 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU	Serial Port	--
	1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores	CAN Bus	--
Memory	Onboard 16GB 128-bit LPDDR5	Ethernet	1 x GbE LAN, RJ45
Storage	1 x M.2 M-Key 2280, support NVMe	USB	--
Real time clock	Yes	DI/DO	--
Indicators	LED indicator x 1 (Power)	AI/AO	--
Wireless	N/A	Display	--
Operating System	Linux (NVIDIA Jetpack 5.1 and above)	Power Connector	2 wire DC cable
Power Supply		Debug Port	--
Power Requirement	12 VDC	Expansion Slot	--
Power Consumption	Max. 25W (with Fan)	Other Interface	--
MTBF (Hours)	--		
Environmental and Mechanical			
Dimension	217mm x 120mm x 90 mm		
Weight	0.65 kg		
Mouting/Installation	Wall Mount		
Operating Temperature	-22 °F ~ 158 °F (-30 °C ~ 70 °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-JOX-UBIP-F4500 NVIDIA® Jetson Orin™ NX, 16GB, 128GB eMMC, 12VDC	eNVP-JOX-UB BOX x1

Optional Accessories

Part Number / Item			