

eNVP-JOX-UBIP

IP65 Certified Embedded Edge AI System
with NVIDIA® Jetson Orin™ NX



Features

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

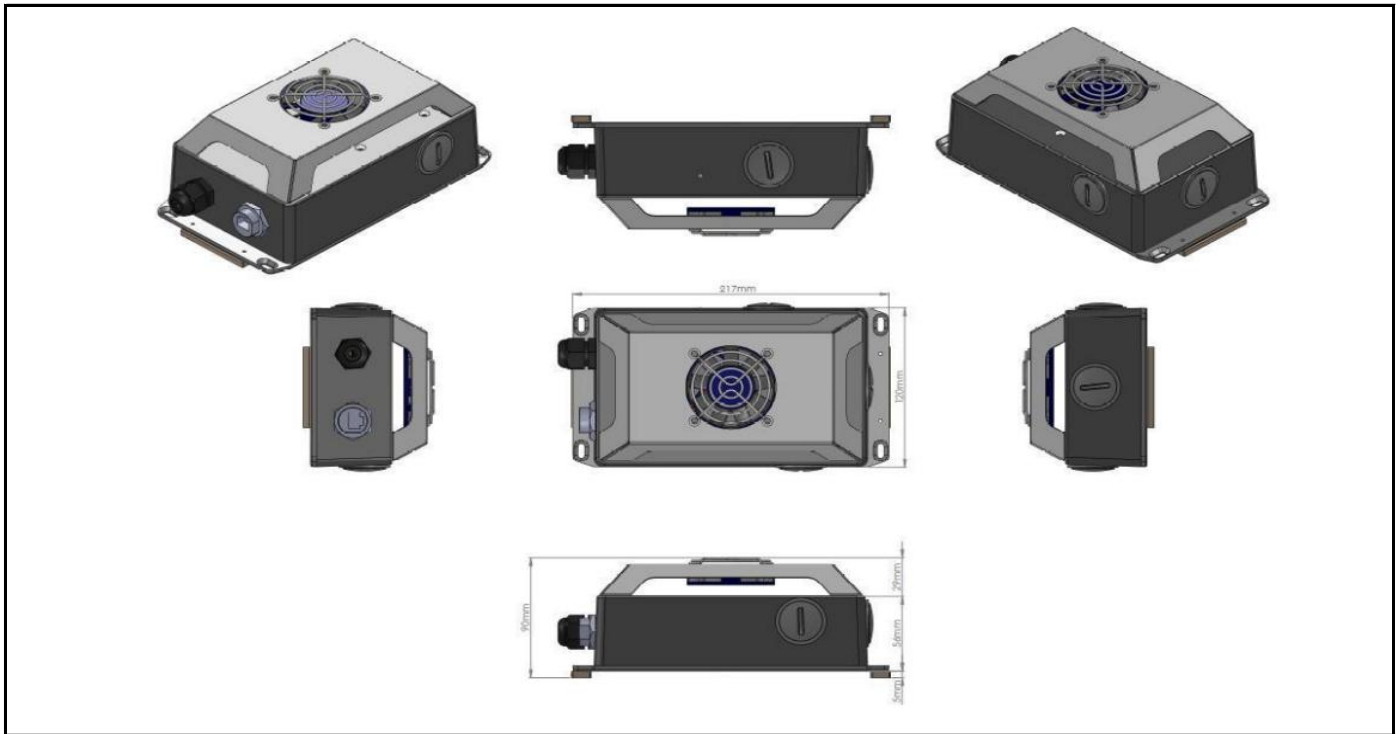
Specifications

System	
CPU/GPU	NVIDIA® Jetson Orin™ NX 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores
Memory	Onboard 16 GB 128-bit LPDDR5
Storage	1 x M.2 M-Key 2280, support NVMe
Real time clock	Yes
Indicators	1 x LED indicator (Power)
Wireless	N/A
Operating System	Linux (NVIDIA Jetpack 5.1 and above)
Power Supply	
Power Requirement	12 VDC
Power Consumption	Max. 25 W (with Fan)
MTBF (Hours)	--
Environmental and Mechanical	
Dimension	217 x 120 x 90 mm (8.54" x 4.72" x 3.54")
Weight	0.65 kg
Mouting/Installation	Wall Mount
Operating Temperature	-30 ~ 70 °C (-22 ~ 158 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 176 °F)
Operating Humidity	10% ~ 95% relative humidity, non-condensing
Certification	
Regulations	CE, FCC
Carrier	Planning

Interface	
Serial Port	--
CAN Bus	--
Ethernet	1 x GbE LAN RJ45
USB	--
DI/DO	--
AI/AO	--
Display	--
Power Connector	2 wire DC cable
Debug Port	--
Expansion Slot	--
Other Interface	--

Dimension

Unit: mm / inch



Ordering Information

Packing List

1 x eNVP-JOX-UB BOX

Part Number

eNVP-JOX-UBIP-F4500 NVIDIA® Jetson Orin™ NX, 16 GB, 128 GB eMMC, 12 VDC