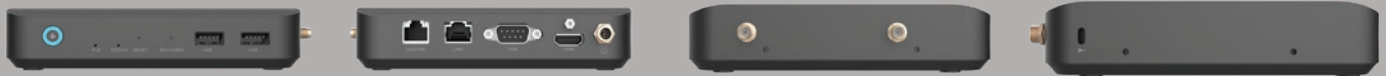
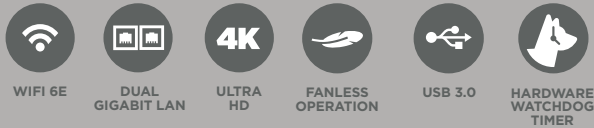


**JETSON ORIN NANO EMBEDDED AI EDGE SYSTEM**  
**SKU: ZP-JETSONE-ON4-L2-AEU**

The Ampere-powered ZBOX PRO Jetson Orin Nano Embedded AI Edge System is a compact and thin unit featuring fast storage capabilities and powered connected communications with Power over Ethernet (PoE) capability. Ideal for surveillance system operations, robotic applications, autonomous driving, smart cities, and AI.



**TECHNICAL SPECIFICATIONS**

**FEATURES**

- NVIDIA Jetson Orin Nano 4GB SoM
- Designed for 24/7 operation
- Passively cooled, silent computing performance
- 20 TOPS AI performance
- 4GB LPDDR5 Memory
- 256GB M.2 NVMe SSD
- 1 x HDMI 2.0 with locking screw, 4K 60Hz video playback
- Hardware watchdog
- Durable metal enclosure
- Long Supply Life Cycle

**SYSTEM ON MODULE (SOM)**

- NVIDIA Jetson Orin Nano 4GB

**GRAPHICS ENGINE**

- NVIDIA Ampere 512 core GPU, 16 Tensor cores

**MEMORY**

- Onboard 4GB LPDDR5 memory

**STORAGE**

- 256GB M.2 NVMe SSD (2280)

**DISPLAY OUTPUT**

- 1 x HDMI 2.0 with locking screw
- 4K@60Hz video playback in H.265/VP9
- 1080p@30Hz software encode

**VIDEO INPUT**

- 2 x Internal CSI-2 connector

**NETWORKING**

- 1 x Gigabit LAN, 1 x PoE Gigabit LAN
- Wi-Fi 6E IEEE 802.11ax/ac/a/b/g/n

**CONNECTIVITY**

- 2 x USB 3.0 Type-A
- 1 x RS232 / RS485 serial port
- 1 x CAN bus

**EXPANSION**

- 40-pin I/O header

**POWER**

- DC 12V, 60W power adapter

**OPERATING TEMPERATURE**

- Main unit: -20°C - +65°C
- AC adapter: +0°C - +40°C

**PHYSICAL DIMENSIONS**

- Length: 147.2mm (5.79in)
- Width: 147.2mm (5.79in)
- Height: 31.1mm (1.22in)

**SUPPORTED OS**

- Jetson Linux
- Jetpack 5.1.1 SDK

**INSIDE THE BOX**

- ZBOX PRO Jetson Orin Nano Embedded AI Edge System
- Universal AC adapter
- US / EU / AU power cable
- L-mount bracket (1 pair) with 4 x screws
- VESA mount bracket (1 pair) with 6 x screws
- 2 x Tri-band Wi-Fi antenna

