

**JETSON NANO EMBEDDED AI EDGE SYSTEM**  
**SKU: ZP-JETSONE-N4-H2-EU**

The Maxwell-powered ZBOX PRO Jetson Nano Embedded AI Edge System is a lightweight and pocketable unit featuring rich expansion capabilities and operates at just 18 Watts under load, making it perfect for AI, visual communication, and video analytic applications of which the electrical power in the field is limited.



**TECHNICAL SPECIFICATIONS**

**FEATURES**

- NVIDIA Jetson Nano SoM
- Designed for 24/7 operation
- Passively cooled, silent computing performance
- 0.5 TFLOPS (INT16) AI performance
- 4GB LPDDR4 Memory
- 64GB eMMC flash onboard storage + 16GB eMMC flash onboard NVIDIA Jetson
- 2 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 Nano

**GRAPHICS ENGINE**

- NVIDIA Maxwell SoM 128 CUDA cores

**MEMORY**

- Onboard 4GB LPDDR4 memory

**STORAGE**

- 16GB eMMC flash Jetson onboard + 64GB eMMC flash onboard

**DISPLAY OUTPUT**

- 2 x HDMI 2.0 with locking screw
- 4K@60Hz video playback in H.265/VP9
- 4K@30Hz encode in H.265/VP8
- Dual Display Ready

**VIDEO INPUT**

- 2 x Internal CSI-2 connector

**AUDIO INTERFACE**

- Microphone / Headphone combo

**NETWORKING**

- 1 x Gigabit LAN
- Wi-Fi 5 IEEE 802.11ac/a/b/g/n

**CONNECTIVITY**

- 1 x USB 3.0 Type-A
- 1 x USB 2.0 Type-A
- 1 x RS232 serial port

**EXPANSION**

- M,2 key-E socket (occupied by Wi-Fi module)

**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 4.6.3 SDK

**INSIDE THE BOX**

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

