

# eBOX560-900-FL NVIDIA

Fanless Embedded System with NVIDIA® JETSON™ TX2, 1 HDMI 2.0, 2 GbE LANs, 1 USB 2.0

## Features

- NVIDIA® JETSON™ TX2 w/ Pascal™, 256 CUDA cores GPU
- High AI computing performance for GPU-accelerated processing
- Ideal for intelligent edge applications
- Compact size w/ NVMe supported
- JetPack 3.2 ready



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU Board	NVIDIA® JETSON™ TX2
CPU	HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2
GPU	NVIDIA® Pascal™, 256 CUDA cores
System Memory	8GB 128-bit LPDDR4 @ 1866 MHz
Carried Board	SBC87900
System I/O Outlet	1 x HDMI 2.0 w/ 4K2K supported 2 x 10/100/1000 Mbps Ethernet (NVIDIA® + Intel® I210-IT) 1 x USB 2.0 1 x 12 VDC power input connector 4 x SMA type connector opening for antenna
Watchdog Timer	Support the watchdog timer embedded in NVIDIA® Jetson™ TX2
Storage	Onboard 32GB eMMC (via JETSON™ TX2) 1 x M.2 2280 M-Key w/ PCIe 2.0 x4 (support M.2 NVMe SSD)
Wireless Module	802.11ac WLAN, Bluetooth w/ Antennas
Expansion Interface	1 x full-size PCI Express Mini Card slot (USB + PCI Express signal) *Either mini PCIe connector or LAN Intel® I210-IT (Jumper Select)
System Indicator	1 x green LED for system power-on 1 x green LED for storage
Power Supply	12 VDC screw type
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Humidity	10% ~ 95%, non-condensing
Vibration Endurance	3 Grms w/ M.2 (5 ~ 500Hz, X, Y, Z directions)
Dimensions	141.6 mm (5.57") (W) x 106 mm (4.17") (D) x 55 mm (2.17") (H)
Weight (net/gross)	0.8 kg (1.76 lb)/1.5 kg (3.31 lb)
Certification	CE, FCC Class A
OS Support	Linux Ubuntu 16.04

## Packing List

- 1 x Quick Manual
- 1 x Screws Pack
- 1 x Adapter 12V/60W
- 2 x Antennas for WLAN / WWAN
- 1 x EU Power cord or 1 x US Power cord



## Power Protection

### AC Version

- OVP (over voltage protection)
- OC (over current protection)
- SCP (short circuit protection)
- UVP (under voltage protection)

## Ordering Information

### Standard

eBOX560-900-FL-US	Fanless Embedded System with NVIDIA® JETSON™ TX2, 1 HDMI 2.0, 2 GbE LANs, 1 USB 2.0, 12V/60W power adapter and US power cord
eBOX560-900-FL-EU	Fanless Embedded System with NVIDIA® JETSON™ TX2, 1 HDMI 2.0, 2 GbE LANs, 1 USB 2.0, 12V/60W power adapter and EU power cord

### Optional

8816K5600A0E	Wall mount kit
8816K5602A0E	VESA arm kit
8816K5601A0E	DIN-rail kit NVMe storage LTE module kit

\*Specifications and certifications may vary according to various options.

## Dimensions

