

IBOX-NVCO NANO/NX

Fanless Box system with NVIDIA® Jetson® NANO/NX, HDMI/4USB/LAN DC12V



AI Performance



DC-in



Fanless



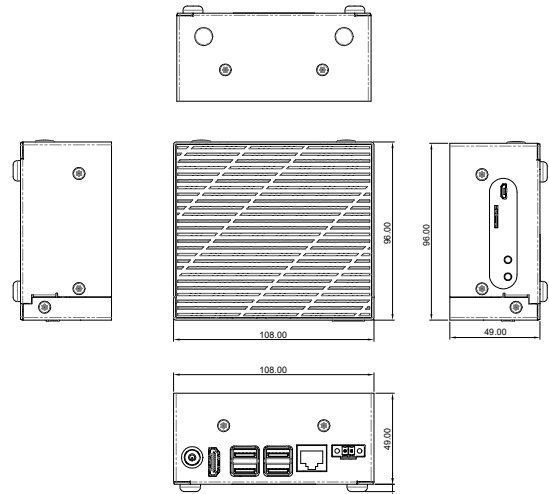
Key Features

- NVIDIA® Jetson NANO/Xavier NX Module Computer
- Dual Display: HDMI/LVDS (Internal IO)
- 1 HDMI, 4 USB3.0, 1 LAN , COM/UART/ CAN (optional)
- DC 12V input with phoenix connector
- Wide temperature: -10°C ~ 60°C
- Compact edge AI computing

Product Specification

System color	Dark Gray
Mechanical	Aluminum extrusion and heavy-duty steel
CPU	Arm® Cotex®-A57 QC 1.43GHz/5-10W (Jetson NANO) Carmel Arm® v8.2 6C 1.9GHz/10-20W (Xavier NX)
Graphic	128-core NVIDIA Maxwell GPU up to 472 GFLOPs (Jetson NANO) 384-core NVIDIA Volta GPU w/48 Tensor Cores up to 21 TOPs (Xavier NX)
Operation System	NVIDIA Jetpack 4.5
System memory	LPDDR4 64 bit 4GB on Module (Jetson NANO) LPDDR4 128 bit 8/16GB on Module (Xavier NX)
System I/O	1 x HDMI, 4 x USB 3.0, 1 x LAN 1 x RS232/1 x UART/1 x CAN (optional)
Ethernet	1 x Gigabyte Ethernet
Storage support	16 GB eMMC on Module, Micro SD Card slot
Audio	N/A
Expansion slot	1 x M.2 E-Key 2230 support WiFi (Xavier NX only)
System indicators	1 x Power LED
System controls	1 x Power Button
Digital I/O	4 in / 4 out
Watchdog timer	N/A
OS Support	NVIDIA Jetpack, Linux
Power supply	DC 12V input, 2P Phoenix connector
Operating temperature	-10°C ~ 60°C with 0.5m/s air flow
Storage temperature	-20°C ~ 80°C
Relative humidity	0% ~ 90% (non-condensing)
Mounting kit	Wall mount bracket/ Din Rail mount
Dimensions	108mm(W) x 96mm(D) x 49mm(H)
Weight	600g

Dimensions



Optional

Power cord	US (VN00000100CU) / EUR (VN00000200CU) / JP (VN00000300CU) / UK (VK00028600CU)
Power Adapter	90~264VAC.60W ADAPTER (VL22002000AH)

Ordering Information

Part Number	description
IBOX-NVCO-NANO-HN00-0001	Fanless Box system with NVIDIA® Jetson® NANO, HDMI/4USB/LAN DC12V Phoenix Connector
IBOX-NVCO-XANX-HN00-0001	Fanless Box system with NVIDIA® Jetson® Xavier NX, HDMI/4USB/LAN DC12V Phoenix Connector

Rear I/O



Power Button HDMI 4 x USB 3.0 LAN DC-In 12V