



FEATURES

- Deep learning acceleration with NVIDIA® Jetson Xavier™ NX.
- Linux® Ubuntu operating system.
- High performance yet energy efficient.
- Wide operating temperature range.
- Compact, durable and fanless design for 24/7 operation.
- Wide variety of industrial I/O ports and visual inferencing capabilities.
- Available with AWS IoT Greengrass service and Allxon remote device management.

JN-12006	
DIMENSIONS (W x D x H)	148mm x 120mm x 52mm
GPU	384-core NVIDIA Volta™ GPU with 48 Tensor Cores
CPU	6-core ARM® v8.2 64-bit
RAM	8GB/16GB
HDMI	1x lockable
USB	4x USB 3.0 Type-A, 1x USB 2.0 OTG
ETHERNET	2x 10/100/1000Mbps Ethernet
STORAGE	16 GB eMMC 5.1
M.2	1x M.2 B key 2242 socket
SD CARD	1x SD card slot
MINI PCIe	1x PCIe mini card slot
SERIAL PORT	1x COM RS-232/RS-422/RS-485
CAN BUS	1x 2.0b
BUTTON	1x power, 1x reset, 1x recovery
OS	Linux® Ubuntu
AUDIO	Mic-in, line-out
SMA ANTENNA CONNECTOR	4
MOUNTING	Wall mount, VESA DIN rail (optional)
VIBRATION	Operating 5Grms, 5-500Hz, 3 axes w/M.2 SSD
SHOCK	Operating 100G, half sine 11ms duration w/ SD, M.2 SSD
ESD	Contact ± 4kV, Air ± 8kV
REGULARITY	CE & FCC class B, (EN61000-6-4/-6-2), CE-LVD & UL by CB, FCCID
WDT	WDT supported
DC/AC INPUT	12V, 60W power adapter
OPERATING TEMPERATURE	Standard -20°C to 70°C (system level), -20°C to 85°C (board level)
STORAGE TEMPERATURE	-40°C to +85°C
HUMIDITY	~95% @40°C (non-condensing, optional with fanless solution)
CERTIFICATIONS	CE, FCC
WARRANTY	1 Year