



FEATURES

- Embedded with NVIDIA® Jetson™ module, delivering up to 100 TOPS.
- Extremely compact and durable design for rapid PoC implementation.
- Versatile I/O ports with optional FM board extension.
- Ideal for diverse AI applications like Smart City, Retail, Manufacturing, and more.

JN-12001	
AI PERFORMANCE	100 TOPS
GPU	1024-core NVIDIA Ampere GPU with 32 Tensor Cores
CPU	8-core Arm® Cortex®- A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
RAM	16G
HDMI	1x lockable
USB	4x USB 3.0 Type-A, 1x USB 2.0 OTG
ETHERNET	2x 10/100/1000Mbps Ethernet
MINI PCIe	1x PCIe mini card slot
M.2	1x M.2 B key 2242 socket
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
I2-C	2
SPI	2
UART	1
GPIO	8x GPIO
DC INPUT	12V
WDT	WDT supported
CERTIFICATIONS	CE, FCC
WARRANTY	1 Year