

slimBOX **NANO N400N3**



Built with the latest technologies associated with speed, slimBOX nano N400N3 is your choice for AI machine learning, video analytics, industrial automation, robotics, automotive, and digital signage. Featuring a high-performance Pascal-powered NVIDIA Jetson TX2 System-on-Module, it packs with dual HDMI output capable of 4K 60Hz playback, and significant number of I/O interface for external connectivity such as USB 3.0, USB 2.0, Gigabit Ethernet, WIFI & Bluetooth, Serial Port, CAN bus, GPIO, SIM slot, and SD card reader. Powerful, fast, multi-display support, rugged build, and longevity support for embedded applications, slimBOX nano N400N3 is ready to perform.

SKU: EMB-N400N3-BC-A01



SPECIFICATIONS



**WATCHDOG
TIMER**



HDMI



**802.11ac
WIFI**



RS-232



GIGABIT LAN



FANLESS

Processor	NVIDIA Jetson TX2 System-on-Module Dual-core NVIDIA Denver2 + Quad-core ARM Cortex-A57
System Memory	8GB 128-bit LPDDR4
Graphics Engine	NVIDIA Pascal architecture with 256 CUDA cores
HD Video Capability	2160p@60Hz H.264, H.265 encode 2160p@60Hz x 2 stream H.264, H.265 decode
Mass Storage	Integrated 32GB eMMC flash
Card Reader	SD/SDHC/SDXC
Video Output	2 x HDMI 2.0 with locking screw
Audio	Microphone, Headphone
USB Port	2 x USB 3.0 Type-A, 2 x USB 2.0 Type-A
LAN	1 x Gigabit LAN
Antenna	2 x 2.4GHz/5GHz antenna for WIFI & Bluetooth
WiFi	IEEE 802.11ac/a/b/g/n 2x2 dual-band WIFI
Networking	SIM card slot for optional cellular connection
Bluetooth	Bluetooth 4.0
Legacy I/O	2 x CAN interface on DB9-F, 5V UART (TX, RX, RTS, CTS) on DB9-M, 3.3V GPIO, 3.3V UART, I2C, SPI, +3.3V & +1.8V power output on DB26-F
Expansion	Universal Extension Connector USB 2.0 4-pin header, Full size mini-PCI Express connector, M.2 key-M 22/42, 22/60, 22/80 SSD connector, CSI-2 camera connector, support 2-lane x 6 or 3-lane x 4
LED Indicators	Power, HDD, WiFi
Power Supply	Universal AC Adapter O/P: DC 12V/60W 2 x AC power cords for US and EU regions
Cooling System	Fanless
Operating Temperature	-20°C ~+65°C (main unit)
Case Color	Black anodized aluminum
Dimension	183mm(W) x 154mm(D) x 61.6mm(H)
Case Mounting	L-shape mounting, VESA mounting holes, DIN rail holes, Rubber feet
Supported Operating System	Linux for Tegra
Longevity Support	Yes
Watchdog Timer	Hardware WDT. Timeout value = 1 - 255. Unit: min, sec