# slimBOX N340N3-B

Uniqueness and next level performance define the slimBOX nano N340N3-B, our latest ARM based platform featuring NVIDIA® Jetson™ TX2, the latest and most advanced Supercomputer-on-Module. The slimBOX nano N340N3-B unleashes the incredible power of a 64-bit quad-core ARM® Cortex® - A57 CPU combined with NVIDIA Pascal GPU with 256 NVIDIA CUDA® Cores in your most demanding applications. Its improved power-efficiency, unparalleled 4K capabilities with H.265 and VP9 native support and unprecedented GP-Computing potential make the N340N3-B the most powerful and versatile ARM platform we've created … so far. A fanless design and total lack of moving parts enables this unit to be reliably installed even at the most sound-sensitive and adverse location. A pre-loaded Linux OS provides the gateway to countless industrial applications available on the market today. Whether your needs are for a research lab or for a vibrant UltraHD Digital Signage showcase, the slimBOX nano N340N3-B is engineered to exceed your expectations.

## SKU: EMB-N340N3-BC-A01

JETSON TX2 | DisplayPort | HDMI | 802.11ac WiFi | GIGABIT LAN | FANLESS | RS-232

## SPECIFICATION

| | |
|---|---|
| Processor | NVIDIA Jetson TX2 System-on-Module<br>Quad-core ARM Cortex-A57 + Dual-core NVIDIA Denver2<br>Maximum clock 2.0Ghz |
| System Memory | 8GB 128-bit LPDDR4. Maximum clock 1866Mhz |
| Graphics Engine | NVIDIA Pascal architecture with 256 CUDA cores.<br>Maximum clock 1.12Ghz |
| HD Video Capability | 2160p@60Hz H.264, H.265 encode<br>2160p@60Hz x 2 stream H.264, H.265 decode |
| Mass Storage | 32GB eMMC 5.1 Flash Storage<br>2.5" SATA SSD/HDD bay |
| Card Reader | SD/SDHC/SDXC |
| Video Output | 1 x HDMI 2.0, 1 x DisplayPort 1.2 |
| 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 WIFI SMA connector |
| Wireless Connectivity | IEEE 802.11ac/a/b/g/n 2x2 dual-band WIFI,<br>Bluetooth 4.0 |
| Legacy I/O | 1 x RS-232 serial port |
| Internal Expansion | 1 x mini-PCIE half-size slot for WIFI module,<br>1 x USB 2.0 pin header<br>GPIO & Expansion header |
| Power supply | Universal AC Adapter O/P: DC 12V/60W<br>2 x AC power cords for US and EU regions |
| Case | Fanless aluminum extrusion enclosure<br>Dimension 160.0mm(W) x 126.7mm(D) x 50.7mm(H) |
| Case Mounting | L-shape mounting, Rubber feet, DIN-rail holes,<br>VESA mount kit |
| Pre-load Operating System | Linux for Tegra |
| Longevity of Supply | Yes |

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