

## slimBOX nano N340N2-B

Uniqueness and next level performance define the slimBOX nano N340N2-B, our latest ARM based platform featuring NVIDIA® Jetson™ TX1, the latest and most advanced Supercomputer-on-Module. The slimBOX nano N340N2-B unleashes the incredible power of a 64-bit quad-core ARM® Cortex®-A57 CPU combined with NVIDIA Maxwell™ 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 N340N2-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 N340N2-B is engineered to exceed your expectations.



## SPECIFICATIONS

<b>Module</b>	NVIDIA® Jetson™ TX1
<b>Processor</b>	Quad-Core ARM® Cortex®-A57
<b>System Memory</b>	Onboard 4 GB LPDDR4   25.6 GB/s
<b>Graphics Engine</b>	NVIDIA® Maxwell™ GPU, 256 NVIDIA CUDA®cores, OpenGL 4.5, OpenGL ES 3.1, AEP and Vulkan™ 1.0
<b>HD Video Capability</b>	HDMI 2.0 4K x 2K @60 Hz, 1080p @120 Hz, H.265, VP9 4K 60 fps Video 4k H.265, 4k VP9, 4k H.264, HDCP 2.2
<b>Mass Storage</b>	16GB eMMC 5.1 Flash Storage
<b>Card Reader</b>	SD/SDHC/SDXC
<b>Video Output</b>	1 x HDMI 2.0, 1 x DisplayPort 1.2
<b>Audio</b>	Microphone, Headphone
<b>USB Port</b>	2 x USB 3.0, 2 x USB 2.0
<b>LAN</b>	1 x Gigabit LAN
<b>Antenna</b>	2 x WiFi SMA connector
<b>Wireless Connectivity</b>	Wifi 802.11ac 2x2, Bluetooth 4.0
<b>Legacy I/O</b>	1 x RS232 serial port
<b>Expansion</b>	1 x mini-PCIe half-size slot for WiFi module, 2.5" SATA HDD/SDD bay
<b>LED Indicators</b>	Power, HDD, WiFi
<b>Power Supply</b>	Universal AC Adapter O/P: DC 12V/60W
<b>Cooling System</b>	Fanless
<b>Case Color</b>	Black anodized aluminum
<b>Dimension</b>	160mm x 132mm x 50.7 mm
<b>Case Mounting</b>	L-shape mounting, Rubber feet, DIN-rail screw hole, VESA mount kit
<b>Pre-load Operating System</b>	Linux For Tegra R24.2 based on Ubuntu 16.04 64-bit Preinstalled
<b>Longevity Support</b>	Yes

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