

slimBOX nano 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.



SPECIFICATIONS

Module	NVIDIA® Jetson™ TX2
Processor	HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2
System Memory	Onboard 8GB LPDDR4, up to 59.7 GB/s bandwidth
Graphics Engine	NVIDIA Pascal GPU, 256 NVIDIA CUDA® cores, OpenGL 4.5, OpenGL ES 3.1, AMP and Vulkan™ 1.0
HD Video Capability	HDMI 2.0 4K x 2K @60 Hz, 1080p @120Hz, H.265, VP9 4K 60 fps Video 4K H.265, 4K VP9, 4K H.264, HDCP 2.2
Mass Storage	32 GB eMMC 5.1 Flash Storage
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, 2 x USB 3.0
LAN	1 x Gigabit LAN
Antenna	2 x WIFI SMA connector
Wireless Connectivity	Wifi 802.11ac 2x2, Bluetooth 4.0
Legacy I/O	1 x RS232 serial port
Expansion	1 x mini-PCIE half-size slot for WIFI module, 2.5" SATA HDD/SDD bay
LED Indicators	Power, HDD, WiFi
Power Supply	Universal AC Adapter O/P: DC 12V/60W
Cooling System	Fanless
Case Color	Black anodized aluminum
Dimension	160mm x 132mm x 50.7mm
Case Mounting	L-shape mounting, VESA mount kit, Rubber feet, DIN rail screw hole
Pre-load Operating System	Linux For Tegra R28.1 based on Ubuntu 16.04 64-bit, Kernel 4.4
Longevity Support	Yes



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