PCP SOLUTIONS

slimBOX NANO N340N3

NVIDIA JETSON TX2

Uniqueness and next level performance define the slimBOX nano N340N3, our latest ARM based platform featuring NVIDIA® Jetson™ TX2, the latest and most advanced Supercomputer-on-Module. The slimBOX nano N340N3 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 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 is engineered to exceed your expectations.

SKU: EMB-N340N3-BC-A01

SPECIFICATIONS

WATCHDOG TIMER · DISPLAYPORT · HDMI · 802.11ac WIFI · RS-232 · GIGABIT LAN · FANLESS

Processor	NVIDIA Jetson TX2 System-on-Module, Quad-core ARM Cortex-A57 + Dual-core NVIDIA Denver2, Maximum clock 2.0Ghz
System Memory	8GB 128-bit LPDDR4, Maximum clock 1866Mhz
Graphics Engine	NVIDIA Pascal architecture with 256 CUDA cores, Maximum clock 1.12Ghz
HD Video Capability	2160p@60Hz H.264, H.265 encode, 2160p@60Hz x 2 stream H.264, H.265 decode, 4K@30Hz
Mass Storage	32GB eMMC 5.1 Flash Storage, 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
WiFi	IEEE 802.11ac/a/b/g/n 2x2 dual-band WIFI
Bluetooth	Bluetooth 4.0
Legacy I/O	1 x RS-232 serial port
Expansion	1 x mini-PCIE half-size slot for WIFI module 1 x USB 2.0 pin header, GPIO & Expansion header
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	160mm(W) x 126.7mm(D) x 50.7mm(H)
Case Mounting	L-shape mounting, VESA mounting holes, DIN rail holes, Rubber feet
Supported Operating System	Linux for Tegra
Longevbity Support	Yes
Watchdog Timer	Hardware WDT. Timeout value = 1 ~ 255. Unit: min, sec