

slimBOX **NANO N258N1**

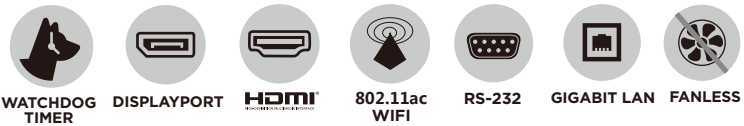


Uniqueness defines this high performance and versatile platform. With an NVIDIA quad-core Tegra K1 at its core, the slimBOX nano N258N1 puts the incredible power of a Kepler GPU with CUDA technology in your projects, boosting efficiency for those resource intensive applications, and proving the only smooth 4K playback on an ARM platform. Whether your needs are for a research lab or for a vibrant UltraHD Digital Signage showcase, the slimBOX nano N258N1 is engineered for versatility. A fanless design enables this unit to be installed even at the most sound sensitive location. A pre-loaded Linux OS provides the gateway to countless industrial applications available on the market today.

SKU: EMB-N258N1-BE-B01



SPECIFICATIONS



Processor	NVIDIA Tegra K1 (CD575M) 2.2GHz, Quad-core ARM Cortex-A15 SoC
System Memory	Onboard 2GB DDR3L @933Mhz
Graphics Engine	NVIDIA Kepler GPU with 192 CUDA cores
HD Video Capability	HDMI 1.4a: 3840 x 2160 @30Hz; 4096 x 2160 @24Hz; 3200 x 2000 @60Hz
Mass Storage	16GB eMMC Flash Storage
Card Reader	SD/SDHC/SDXC
Video Output	1 x HDMI 1.4, 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	1 x WiFi SMA connector
WiFi	IEEE 802.11ac/a/b/g/n
Legacy I/O	1 x RS-232 serial port
Expansion	1 x mini-PCIe half-size slot for WIFI module
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 ~+55°C (main unit)
Case Color	Black anodized aluminum
Dimension	160mm(W) x 132mm(D) x 50.7mm(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