

Item no.: 375297

NC4010XA

from **353,54 EUR**

Item no.: 375297
shipping weight: 6.60 kg
Manufacturer: Shuttle



Product Description

MANY CONNECTIONS AND HIGH PERFORMANCE IN NANO FORMATNC4010XA is a complete system in nano format without an operating system. It comes with a powerful and efficient 12th generation Intel ULV processor. Despite its small size with a volume of only 850 ml, it offers enormous connection and expansion options. Up to three UHD displays (4K/60Hz) and up to seven USB 3.2 devices can be connected. This PC is ideal for applications such as digital signage, POS, control, office PC or as a media PC.

NANO-DESIGN- Flat plastic housing, black - Dimensions: 14.2 x 14.2 x 4.2 cm (LWH), 850 ml - With stand and VESA mount (75/100 mm)- Operating temperature: 0-40 °C (non-condensing)**OPERATING SYSTEM**- An operating system is not included- Supports Windows 10, Windows 11 and Linux (64-bit)**PROCESSOR**- Intel Celeron 7305, 1x P-core, 4x E-core, 48 execution units- Intel Core Generation 12, Codename "Alder Lake-U"- Resolved SoC processor with 15 W TDP, Intel 7 process (10 nm)**GRAPHICS**- Integrated Intel UHD graphics (features depend on processor)- Supports three independent Ultra HD displays with 60 Hz**RAM and SSD**- 4 GB DDR4-3200 SO-DIMM RAM module- 128 GB M.2 SSD card supports PCIe/NVMe- Supports a second M.2 SSD card- 2.5" drive bay supports one SATA hard drive (max. 15 mm) or one SSD in 2.5" format**CONNECTORS**- HDMI 2.0b - DisplayPort 1.4 - USB-C supports USB 3.2 Gen1 or DisplayPort 1.4 - 2x USB 3.2 Gen2 (max. 10 Gb/s) - 4x USB 3.2 Gen2 (max. 5 Gb/s) - 1x Intel Gigabit LAN (Intel 219) - 2x audio (microphone input + headphone output) - DC input 19 V**POWER SUPPLY**- External 65W / 19V power supply**NC40U SERIES MODELS**- Category: SYSTEM- Model: NC4010XA- Intel Processor: Celeron 7305- M.2 SSD card: 128GB PCIe/NVMe- RAM memory: 4 GB- WLAN: WLAN-ax- Operating system: - - Barcode: 4046047104079**SHUTTLE XPC nano System NC4010XA - SPECIFICATIONS****HOUSING**- Housing made of black plastic- Dimensions: 142 x 142 x 42 mm (LWH) = 847 ml- Weight: 0.4 kg net, 1.2 kg with packaging- Opening for Kensington Lock- Stands and 75 / 100 mm VESA mount included**OPERATING POSITION**- Operating position:1) Horizontal2) Vertical with stands3) Behind a suitable screen with VESA mount**OPERATING SYSTEM**- This system is supplied without an operating system.- It is compatible with:Windows 10, 64-bitWindows 11, 64-bitLinux, 64-bit**PROCESSOR**- Model: Intel Celeron 7305- Intel Gen12 ULV processor, codename: "Alder Lake-U"- System-on-a-chip architecture (SoC) with integrated memory and graphics controller- FCBGA1744 package - soldered directly to the mainboard- Processor cores: 5 in totalPerformance cores: 1 P core (1 thread) with 1.1 GHz base frequencyEfficiency cores: 4 E cores with 0.9 GHz base frequency- Smart cache: 8 MB- Power dissipation (TDP): max. 15 W- Manufacturing process: Intel 7 (10 nm)- Maximum junction temperature: 100 °C**PROCESSOR FAN**- Built-in fan with 4-pin connector- Supports temperature-controlled speed control**INTEGRATED GRAPHICS FUNCTION**- Intel UHD graphics function with 48 execution units (AE)- Maximum dynamic graphics frequency: 1.10 GHz- Up to three independent displays with up to 2160@ 60 Hz (Ultra HD / 4K) are supported:1) DisplayPort (supports DP 1.4a)2) USB-C port (supports DP 1.4a and USB 3.2 Gen 1)3) HDMI port (supports HDMI 2.0b)**UEFI-FIRMWARE**- AMI BIOS in 32 MByte EEPROM with SPI interface- Supports resume after power failure- Supports Wake on LAN (WOL)- Supports power on by RTC alarm- Supports hardware monitoring and watchdog function- Supports Unified Extensible Firmware Interface (UEFI)- Supports firmware TPM v2.0 (fTPM)- (Hardware TPM optional, only on project request)**MEMORY**- 4 GB DDR4-3200 SO-DIMM memory module- Total capacity up to a maximum of 64 GB possible**2.5" DRIVE BATCH**- Supports a Serial ATA hard drive or a SATA SSD drive in 6.35 cm / 2.5" format- Drive height 15 mm (max.) 5 - Supports Serial ATA hard drive or a SATA SSD drive in 6.35 cm / 2.5" format - Supports Serial ATA hard drive or a SATA SSD drive in 6.35 cm / 2.5" format.- Supports Serial ATA III, 6 Gb/s (max. 600 MB/s) data transfer rate- Pre-installed SATA/power cable- M.2 **SSD****MEMORY CARD**- 128GB SSD card in M.2-2280M format, supports PCIe and NVMe- This PC supports an additional M.2-2280 SSD card.**AUDIO**- C-Media CM6542 audio codec with USB interface- Two analogue 3.5 mm audio connectors on the front:1) Line-out (headphones)2) Microphone input- Digital multi-channel audio output via HDMI and DisplayPort**NETWORK**- Ethernet controller Intel i219- Supports 10 / 100 / 1.000 Mbit/s data transfer rate (Gigabit)- Supports WAKE ON LAN (WOL)- Supports booting from the network via Preboot eXecution Environment (PXE)**WLAN FUNCTION**- Built-in Intel WiFi-6 WLAN card with two internal antennas- Model: Intel Wireless-6 AX200**NGWG.NV** (non vPro)- Supports WiFi IEEE 802.11b/g/n/ac/ax in the 2.4 / 5 GHz band, 2T2R (2x2)- Supports Bluetooth 5.2 in the 2.4 GHz band**CONNECTORS IN FRONT**- 1x USB-C (supports DisplayPort 1.4a and USB 3.2 Gen 1 with max. 5 GBit/s)- 2x USB 3.2 Gen 1 Type A (max. 5 GBit/s, blue)- Audio line-out / headphones (3.5 mm jack socket)- Microphone input (3.5 mm jack socket)- On/off button- Power indicator LED (blue)- Hard drive LED (orange)**REAR CONNECTORS**- DisplayPort 1.4a [1]- HDMI 2.0b- 2x USB 3.2 Gen 2 Type A (max. 10 GBit/s, red)- 2x USB 3.2 Gen 1 Type A (max. 5 GBit/s, blue)- Gigabit LAN (RJ45, Intel 219)- DC input for external power supply unit (5.5 / 2.5 mm)- 2x perforation (6.5 mm diameter) for optional WLAN antennas**ALWAYS-ON-JUMPER**- If you remove jumper JP1 (see quick guide), the PC will start unconditionally as soon as the power supply is established. [3]**CLEAR-CMOS-JUMPER**- Close jumper JP2 for approx. 10 seconds to reset the BIOS settings to the factory settings.**EXTERNAL POWERSUPPLY**- External 65 W power supply unit (fanless)- Input: 100-240 V AC, 50/60 Hz, max. 1.6 A- Output: 19 V DC, max. 3.42 A, max. 65 W- DC cable approx. 175 cm with 5.5 / 2.5 mm barrel connector (outer/inner diameter)- The DC input of the computer supports 19V±5%- AC cable, approx. 170 cm, 3-pin with C6 cloverleaf and Schuko plug**ACCESSORIES SUPPLIED**- Multilingual installation instructions- Driver DVD for Windows 10/11- Two-piece steel VESA bracket set with six screws (4x M4x10, 2x M2.5x3)- Two aluminium feet (110 mm wide) for vertical operation with four M3x7 screws- External 65W power supply unit with AC power cable**ENVIRONMENTAL PARAMETERS**- Permissible operating temperature range: 0-40 °C [2]- Permissible relative humidity: 10-90% (non-condensing)**CERTIFICATES****SAND COMPLIANCE**- EMC: CE, UKCA, FCC, BSMI, RCM, VCCI- Safety: CB IEC60950/62368, cTUVus (UL 62368), BSMI- Other: RoHS, Energy Star, ErP- This device is categorised as Class B information technology equipment (ITE) and is primarily intended for use in residential and office environments. The CE mark confirms conformity with the following EU directives:(1) Directive 2014/30/EU on electromagnetic compatibility (EMC)(2) Directive 2014/35/EU on the safety of electrical equipment (LVD)(3) Directive 2009/125/EC on the ecodesign of energy-related products (ErP)

Specifications

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