Item no.: 375263
SHUTTLE XPC all-in-one P9200PA Black Celeron 5205U 49.5cm 19.5inch 8GB DDR4 250G

from **990,26 EUR**

Item no.: 375263
shipping weight: 5.90 kg
Manufacturer: Shuttle

📄 Product Description

19.5" ALL-IN-ONE PC FOR POS, POI AND KIOSK APPLICATIONSThe Shuttle XPC all-in-one P9200PA is an all-in-one complete system with Windows 10 and a capacitive 19.5" touchscreen. An Intel Ultra-Low-Voltage (ULV) processor ensures high computing power with low power consumption. Thanks to completely passive cooling, the system is virtually noiseless, maintenance-free and suitable for 24/7 continuous operation. Also ideal for applications in vertical markets is the arrangement of most connections on the underside of the housing and the resistance of the front against dust and splash water in accordance with protection class IP54.GENERAL FEATURES- IP54-protected front - Dimensions: 487 x 321 x 44 mm (WD)- Suitable for 24/7 continuous operation - Supports 100 mm VESA mount - Operating temperature: 0-40 °C - Fanless heatpipe cooling systemDISPLAY & GRAPHICS- 49.5 cm (19.5") LC display, 1600 x 900 pixels - 10-point multi-touch, capacitive - Integrated graphics: Intel UHD 610 - HDMI 1.4 & VGAOPERATING SYSTEM- Windows 10 IoT Enterprise Entry (64-bit)PROCESSOR- Intel Celeron 5205U "Comet Lake-U" Dual Core, TDP: 15WMEMORY- 8 GB DDR4 SO-DIMM ? 250 GB M.2-2280 SSD (PCIe/NVMe)- Supports one 2.5" SATA hard drive / SSD- Supports internal USB stick (USB 2.0, type A)CONNECTORS- HDMI 1.4 - D-Sub/VGA - 4x USB 3.2 Gen 1 - 2x USB 2.0 - internal: 1x USB 2.0 (type A) - 2x audio (mic & headphones) - Gigabit LAN (Intel)INTEGRATED COMPONENTS- SD card reader - 2.0 megapixel FHD webcam - 2x 2 W speakers- condenser microphone 5 - 2.0 megapixel FHD webcam - 2x 2 W speakers -condensermicrophone Condenser microphone - Wireless LAN 802.11ac, BT 4.2POWER SUPPLY- External 90W / 19V power supplyOPTIONAL ACCESSORIES- PCL71: 2x COM, 1x LPT- POS01: 4x COM (2x D-Sub, 2x RJ45), LPT, RJ11FIX CONFIGURATIONSOF THE P92U SERIES- Product: P9200PA - Type: System with OS - Intel ULV CPU: Celeron 5205U - RAM: 8 GB - M.2 SSD: 250 GB NVMe- OS: Win 10 IoT - Barcode: Black: 4046047103706 (EAN)Control your software with your finger - Multi-touchThe touch screen is one of the simplest input devices and therefore the first choice for a variety of applications where simple interaction between humans and PCs is required. With a touch screen, information can be accessed more easily and quickly, as the user only has to touch the screen intuitively to make a selection. In addition, it is of course still possible to connect a mouse and keyboard via USB.24/7 continuous operationThe Shuttle XPC all-in-one P9200PA is officially approved for 24-hour continuous operation (24/7). Thanks to its low power dissipation and passive cooling, this PC is particularly reliable and therefore ideal for digital signage and POI/POS applications.Fanless and quietThe Shuttle XPC all-in-one P9200PA is equipped with a passive cooling system that efficiently dissipates the heat generated into the environment. Thanks to its unique fanless design, this PC can also be used in noise-sensitive environments. There is also significantly less dust contamination in fanless housings. It is therefore not only quiet and energy-efficient, but also practically maintenance-free.Protection class IP54The front of the Shuttle XPC all-in-one P9200PA is protected against dust and splash water in accordance with EN protection class IP54. This means that this all-in-one PC can also be used indoors where it is operated with wet hands or where light splashes can get onto the screen, such as in restaurant, laboratory or production applications.Optimised cable managementMost of the connections are routed downwards at the rear so that the cables can be routed away from the PC in an orderly fashion. This enables shorter cables and ensures a tidy appearance on the desk. Only those connections that need to be easily accessible from the front have been left on the side: Card reader and two USBs.Two external Full HD displays can be connectedThe Shuttle XPC all-in-one P9200PA has two video outputs: an analogue D-Sub/VGA port and an HDMI output. In extended mode, two external Full HD displays can be connected there - together with the integrated screen of the Shuttle XPC all-in-one P9200PA, three displays with different content are available in this case.Hidden power buttonThe power button can be deactivated to prevent unauthorised use. To do this, open the PC and pull out the corresponding connection (SW2302). The device can then still be switched on using an unfolded paper clip, which is pushed through an inconspicuous hole on the side of the device (see image).VESA mount*)If you remove the stand, four threaded holes are revealed, which can be used to mount a standard 100 mm VESA mount - e.g. a wall or table mount. *) The VESA mount is not includedSHUTTLE XPC all-in-one P9200PA - SPECIFICATIONSFANLESSAND QUIET- Passive heatpipe cooling, no fan noise- Ideal for noise-sensitive environments- Less contamination from dust - therefore virtually maintenance-free24/7 CONTINUOUS OPERATION- This device is officially approved for 24-hour continuous operation (24/7).- Requirements:Free air circulation around the PCFreely accessible ventilation holes on the device.If a hard disk is installed, this must also be approved by the manufacturer for 24/7 operation.IP54 PROTECTION CLASS- The front of the device is protected against dust and splash water in accordance with protection class IP54.HOUSING- Colour: Black- Dimensions: 487 x 321 x 44 mm (WxHxD)- 100 mm VESA mount- Mounting hole for Kensington Lock- Weight: 4.29 kg net, 5.62 kg grossOPERATING SYSTEM- Windows 10 IoT Enterprise Entry (64-bit)TOUCHSCREEN- Screen with touch function for touch input with a finger- Capacitive touchscreen with 10-point multi-touch support- Supports operation with gloves (PVC, cotton, linen)- Does not support stylus pen19.5" DISPLAY- 49.5 cm / 19.5" LCD display- Aspect ratio: 16:9 widescreen- Resolution: 1600 x 900 = 1.4 megapixels (WSXGA/HD+)PROCESSOR- Model: Intel Celeron 5205U (ULV)- System-on-a-chip architecture (SoC) - no chipset required- FCBGA1528 housing - soldered directly onto the mainboard- Codename: Comet Lake-U (10th generation Intel Core) - Core: Intel Celeron 5205U (ULV) - System-on-a-chip architecture (SoC) - no chipset required. Generation Intel Core)- Cores / Threads: 2 / 2- Clock speed: 1.9 GHz- L1/L2/L3 cache: 256 kB / 1 MB / 2 MB- Memory controller: DDR4-2400 Dual Channel (1.2 V)- Power dissipation (TDP): max. 15 W- Manufacturing process: 14 nm- Maximum junction temperature: 100 °C- Supports 64-bit, VT-x (EPT), VT-d, Enhanced SpeedStep, NX-Bit, AES-NI, SSE 4.1/4.2INTEGRATED GRAPHICS FUNCTION- Intel UHD Graphics 610- Graphics clock frequency: 300-900 MHz- Execution units (EUs): 12- Supports DirectX 12- Supports H264, H265 8/10-bit, VP8/9, VC-1, AVC hardware decoding- Supports Quick Sync Video and Clear Video HD technologyUP TO THREE DISPLAYS SIMULTANEOUSLY- Two video outputs support two additional independent monitors1) HDMI 1.4b supports 1920 x 1080 @ 60 Hz or 3840 x 2160 @ 30 Hz2) VGA / D-Sub analogue video supports 1920 x 1080 @ 60 Hz- In multi-monitor mode, the following conditions apply:- In clone mode, all displays show the same image in 1600 x 900 resolution.- In extended mode, all displays can show different content. In extended mode, all displays can show different content.BIOS- AMI BIOS in 8 MByte EEPROM with SPI interface- Supports the function "Switch on after power failure" and "always on"- Supports Wake-on-LAN (WOL) from the S3, S4, S5 ACPI modes- Supports hardware monitoring and watchdog function- Supports firmware TPM v2.0 functionMEMORY- 8 GB DDR4 SO-DIMM memory- Supports a maximum of 32 GB per slot, total capacity maximum 64 GB2.5" HDD/SSD SATA- Supports one SATA hard drive or one SATA SSD drive in 6.35 cm / 2.5" format- The SATA 3.0 interface supports up to 600 MB/s data rate (6 Gbit/s)- Supports a drive with a height of up to 12.5 mm- Pre-installed SATA cable availableM.2-2280M SSD- 250 GB SSD module in M.2-2280 format- Supports PCIe interface and NVMe modeCARDREADER- Integrated card reader for reading and writing SD, SDHC and SDXC flash memory cardsWEBCAM- Integrated camera module with full HD resolution (1920 x 1080)MICROPHONEAND SPEAKERS- Condenser microphone and 2x 2 W speakers are integrated in the housingAUDIO FUNCTION- C-Media CM6542 (USB) or Realtek ALC269 (HD Audio)- Two analogue 3.5 mm audio connections on the housing1) Line-out (headphones)2) Microphone input- Digital multi-channel audio output possible via HDMI.NETWORK CONTROLLER- Intel i211 Ethernet controller with MAC, PHY and PCIe interface- Supports 10 / 100 / 1.000 MBit/s data transfer rate- Supports WAKE ON LAN (WOL) from S3 and S4 mode- Supports booting from the network via Preboot eXecution Environment (PXE)RADIO NETWORK(WLAN)- Chipset: Realtek RTL8821CE-CG- M.2-2230 (NGFF) plug-in card- Connected with two internal antennas (via IPEX4)- Supports WiFi IEEE 802.11b/g/n/ac in the 2.4/5 GHz band, 1T1R- Max. 72.2 / 150 Mbit/s with 20 / 40 MHz bandwidth in n-mode- Max. 433.3 Mbit/s with 80 MHz bandwidth in ac-mode- Supports Bluetooth 4.2 in the 2.4 GHz bandLEDS FRONT- Power indicator (blue)- Hard drive LED (orange)CONNECTORS LEFT- On/off button- 2x USB 3.2 Gen 1 (max. 5 Gbit/s)- SD card reader- Hole with on/off button- Perforation for optional WLAN/LTE antenna (7 mm diameter)CONNECTIONS BOTTOM- HDMI 1.4b (supports digital video and digital audio)- 2x USB 3.2 Gen 1 (max. 5 Gbit/s)- 2x USB 2.0- Audio line-out / headphones (3.5 mm jack socket)- Microphone input (3.5 mm jack socket)- Input for external power supply (5.5 / 2.5 mm)- Perforation for optional WLAN/LTE antenna (7 mm diameter)- Optional: 2x COM/serial (RJ45), DIO (RJ11) for cash drawer (POS01 accessory)REAR CONNECTORS- VGA connection (D-Sub 15-pin., analogue video)- Optional: 2x COM/serial (D-Sub), 1x LPT/parallel (accessory: PCL71 or POS01)OTHER ONBOARD CONNECTORS- Internal USB 2.0 type A connection for USB stick (total length of USB stick max. 100 mm)- Serial ATA (6 Gbit/s)- Serial ATA power supply- 3x USB 2.0 connection (all occupied)- eDP connection (Embedded DisplayPort)- occupied by the display- Connection for optional COM/LPT adapter POS01 or PCL71OPTIONAL ANTENNAS- The housing has two perforated 7 mm holes for mounting optional antennas with (RP) SMA connection for wireless data transmission via WLAN or WWAN (e.g. LTE) NETWORKINGe.g. LTE)POWER SUPPLY- External 65 W power supply (fanless)- Input: 100-240 V AC, 50/60 Hz, max. 1.6 A- Output: 19 V DC, max. 3.42 A, max. 65 WDC INPUT- DC plug: 5.5 / 2.5 mm (outer/inner diameter)- The DC input of the computer supports an external power supply with 12V±5% and 19V±5%.SCOPE OF SUPPLY- Quick start guide- Driver DVD- External power supply (65 W / 19V)- Power cable- ScrewsOPTIONAL ACCESSORIES- PCL71: COM / LPT adapter:1x Parallel (25p D-Sub) supports 0 / 5 / 12V2x Serial RS232 (9p D-Sub)- POS01: COM / LPT / RJ11 adapter:1x Parallel (25p D-Sub)2x Serial RS232 (9p D-Sub) supports 0 / 5 / 12V2x Serial RS232 (8p RJ45)1x DIO/RJ11 connection for cash drawer supports 12 / 24V- PNFC03: NFC module (only supports Windows 10, no Linux and transaction support)Note: PNFC03 is only available on requestENVIRONMENTAL PARAMETERS- Permitted environmental parameters:Operating temperature: 0-40 °CHumidity: 10-90 %CERTIFICATES/CONFORMITY- EMI certificates: CE, RED, FCC, RCM, VCCI- Safety certificates: CB, ETL- Other conformities: RoHS, ErP Lot3, Energy Star v7.0CONFORMITY- 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/EU on the ecodesign of energy-related products (ErP) and(4) Directive 2014/53/EU on radio equipment and telecommunications equipment (RED)

Specifications

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