Item no.: 375277
X50V8U3 BLACK - XPC all-in-one X50V8U3

from **687,51 EUR**

Item no.: 375277
shipping weight: 4.40 kg
Manufacturer: Shuttle

📑 Product Description

The Shuttle XPC all-in-one X50V8U3 is the new model in Shuttle's successful X50 series and is equipped with a 10th generation Intel ULV processor "Comet Lake". The modern processor architecture has a very positive effect on power consumption and computing power. Thanks to completely passive cooling, the system is practically noiseless, maintenance-free and suitable for 24/7 continuous operation. Useful for applications in the vertical market 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.Fanless and quietPassive heatpipe cooling, no fan noiseIdeal for noise-sensitive environmentsLess contamination from dust - therefore virtually maintenance-free24/7 continuous operationThis device is officially approved for 24-hour continuous operation (24/7). Requirements:- Free air circulation in the area surrounding the PC- Freely 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 classThe front of the device is protected against dust and splash water in accordance with protection class IP54.HousingColour: Black or whiteDimensions: 39.1 x 32.7 x 4.2 cm (WxHxD) 100mm VESA mountingMounting hole for Kensington LockWeight: 3.5 kg net, 4.2 kg grossOperating systemThis system is supplied without an operating system.It is compatible with:- Windows 10/11 - 64-bit- Linux - 64-bitTouchscreenScreen for touch input with a finger.Resistive 5-wire technology for one-finger operation (single touch)Included stylus for the touchscreen39.6cm display (15.6")39.6 cm / 15.6" LC display, aspect ratio: 16:9 wide screenResolution: 1366 x 768 = 1.05 megapixelsBacklight: High-performance LED, brightness: 220 cd/sqmGlass thickness: 0.5 mmProcessorModel: Intel Core i3-10110U (ULV)System-on-a-chip architecture (SoC) with integrated memory and graphics controllerFCBGA1528 housing - soldered directly onto the mainboardCodename: Comet-Lake-U (10th generation Intel Core)Cores: Comet-Lake-U (10th generation Intel Core). Generation Intel Core)Cores / Threads: 2 / 4Base clock rate: 2.1 GHzMax. Turbo clock rate: 4.1 GHzIntel Smart Cache: 4 MBPower dissipation (TDP): max. 15 WManufacturing process: 14nmMaximum junction temperature: 100 °CSupports 64-bit, VT-x (EPT), VT-d, Enhanced SpeedStep, NX-bit, AES-NI, SSE 4.1/4.2Integrated graphics functionIntel® UHD graphics for Intel® Core™ processors of the 10th generation. GenerationGraphics clock frequency: 300-1000 MHzExecution units (EUs): 23Supports DirectX 12, OpenGL 4.5Supports H264, H265 8/10-bit, VP8/9, VC-1, AVC hardware decodingSupports Quick Sync Video and Clear Video HD technologyUp to three displays simultaneouslyTwo video outputs support two additional independent monitors1) HDMI 1.4a supports 1920 x 1080 @ 60 Hz or 3840 x 2160 @ 30 Hz2) VGA / D-Sub analogue video supports 1920 x 1080 @ 60 Hz The following conditions apply in multi-monitor mode:1) In clone mode, all displays show the same image in 1366x768 resolution2) In extended mode, all displays can show different contentBIOSAMI BIOS in 8 MByte EEPROM with SPI interfaceSupports the "switch on after power failure" and "always on" functionSupports Wake-on-LAN (WOL) from the S3, S4, S5 ACPI modesSupports hardware monitoring and watchdog functionSupports firmware TPM v2.0 functionMemory2x SO-DIMM slot with 260 pinsSupports DDR4-2666 (PC4-21300) SDRAM with 1.2 VFaster RAM modules (e.g. DDR4-3200) are backwards compatible and also run here at DDR4-2666 speed.Supports dual-channel modeSupports a maximum of 32 GB per slot, total capacity maximum 64 GBSupports unbuffered DIMM modules (no ECC or registered)Hard drive / SSDSupports one SATA hard drive or one SATA SSD drive in 6.35 cm / 2.5" formatThe 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 mmPre-installed SATA cable availableM.2Slot for SSD cardsThe M.2 2280 M-Key slot offers the following interfaces:- PCI-Express Gen. 3.0 x4- SATA v3.0 (max. 6 Gbit/s)M.2 plug-in cards used must be 22 mm wideand can have a length of 42, 60 or 80 mm (type 2242, 2260, 2280).Supports M.2 SATA SSDs (with B+M-Key) and M.2 PCIe SSDs (with M-Key)CardreaderIntegrated card reader for reading and writingfrom SD, SDHC and SDXC flash memory cardsWebcamIntegrated camera module with Full HD resolution (1920 x 1080)Microphone and speakersCondenser microphone and 2x 2 W speakers are integrated in the housingAudio functionRealtek ALC269 (HD audio) or C-Media CM6542 (USB)Two analogue 3.5 mm audio connections on the underside: 1) Line-out (headphones)2) Microphone inputDigital multi-channel audio output via HDMI possible.-NetworkIntel i211 or i219LM Ethernet ControllerSupports 10 / 100 / 1,000 MBit/s data transfer rateSupports WAKE ON LAN (WOL) from S3 and S4 modeSupports booting from the network via Preboot eXecution Environment (PXE)Wireless network (WLAN)Built-in M.2-2230-E WLAN card with two internal antennasWLAN controller Realtek RTL8821CE-CGSupports WiFi IEEE 802.11b/g/n/ac in the 2.4 / 5 GHz band, 1T1RSupports 20 / 40 / 80 MHz channel bandwidthSecurity: supports WPA(-PSK), WPA2(-PSK), WEP 64/128 bit, IEEE 802.11x, IEEE 802.11iSupports Bluetooth 4.2 in the 2.4 GHz bandFront LEDsPower indicator (blue)Hard drive LED (orange)Ports on the leftOn/off button2x USB 3.2 Gen 1 (5 Gbit/s)SD card readerHole with on/off buttonHole with Clear CMOS buttonPerforation for optional WLAN/LTE antenna (6.5 mm diameter)Bottom connectionsHDMI 1.4a (supports digital video and digital audio)2x USB 3.2 Gen 1 (5 Gbit/s)2x USB 2.0Gigabit network (RJ45)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 (6.5 mm diameter)Optional: 2x COM/serial (RJ45), DIO (RJ11) for cash drawer (POS01 accessory)Rear connectionsVGA connection (D-Sub 15-pin., analogue video)Optional: 2x COM/serial (D-Sub), 1x LPT/parallel (accessory: PCL71 or POS01)On-board connectionsInternal USB 2.0 type A connection for USB stickSerial ATA (6 GBit/s)Serial ATA power supply3x USB 2.0 connection (all occupied)eDP connection (Embedded DisplayPort) - occupied by the displayConnection for optional COM/LPT adapter POS01 or PCL71Holes for optional antennasThe housing has two perforated 6.5 mm holesfor mounting optional antennas with (RP-)SMA connectionfor wireless data transmission via WLAN or WWAN (e.g. LTE). Network connection for wireless data transmission via WLAN or WWAN (e.g. LTE) for wireless data transmission via WLAN or WWAN (e.g. LTE).e.g. LTE)Power supply unitExternal 65 W power supply unit (fanless)Input: 100-240 V AC, 50/60 Hz, max. 1.6 AOutput: 19 V DC, max. 3.42 A, max. 65 WAC cable: 3-pin, approx. 1.7 m long, with C5/C6 cloverleaf plug connection to the power supply unit and CEE-7/7 plug with earthing contact (type E+F) for connection to the socketDC inputDC plug: 5.5 / 2.5 mm (outer/inner diameter)The DC input of the computer supports aexternal power supply with 12V±5% or 19V±5%.Accessories included:Quick start guideDriver DVD for WindowsExternal power supply (65 W / 19V)Power cable with earthing contactScrewsOptional accessories:PCL71: COM / LPT adapter:- 1x Parallel (25p D-Sub) supports 0 / 5 / 12V- 2x Serial RS232 (9p D-Sub)POS01: COM / LPT / RJ11 adapter:- 1x Parallel (25p D-Sub)- 2x Serial RS232 (9p D-Sub) supports 0 / 5 / 12V- 2x Serial RS232 (8p RJ45)- 1x DIO/RJ11 connection for cash drawer supports 12 / 24VWLN-M1: WLAN kit (Intel AX200 card + two external antennas)One WLAN function 802.11ac (1T1R) WLAN function with internal antennas is already pre-installed and can be upgraded to 802.11ax (2T2R) with two external antennas with this kit.Permitted environmental parametersOperating temperature: 0-40 °CHumidity: 10-90 %, non-condensingCertificatesEMI certificates: CE, FCC, BSMI, RCM, VCCISafety certificates: CB, cTUVus, BSMIOther conformities: RoHS, ErP Lot3, Energy Star v8.0ConformityThis 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) and(4) Directive 2014/53/EU on radio equipment (RED: Radio Equipment Directive)

🗏 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability