# Shuttle DS20U3V2 barebone-tietokonerunko 1.3L kokoinen PC musta i3-10110U Intel® SoC 2,1 GHz

**Tuotemerkki :** Shuttle

**Tuotekoodi:** DS20U3V2

**Tuotteen nimi :** DS20U3V2

Shuttle DS20U3V2. Alustatyyppi: 1.3L kokoinen PC, Tuotetyyppi: Mini PC Barebone. Emolevyn piirisarja: Intel® SoC, BIOS-tyyppi: UEFI AMI. Tuetut muistityypit: DDR4-SDRAM, Muistipaikkojen lukumäärä: 2, Sisäinen enimmäismuisti: 64 GB. Tuetut tallennusasematyypit: HDD & SSD, Tallennuslaitteen liitäntä: PCI Express, Serial ATA III. Ethernet LAN (RJ-45) -portit: 2. Jäähdytyksen tyyppi: Passiivinen. Virtalähde: 65 W





## Processor

| | |
|---|---|
| Processor manufacturer | Intel |
| Processor family | Intel® Core™ i3 |
| Processor generation | 10th gen Intel® Core™ i3 |
| Processor model | i3-10110U |
| Processor cores | 2 |
| Processor threads | 4 |
| Processor boost frequency | 4.1 GHz |
| Processor frequency | 2.1 GHz |
| Built-in processor * | ✔ |
| Processor lithography | 14 nm |
| Processor cache | 4 MB |
| Thermal Design Power (TDP) | 15 W |
| CPU configuration (max) | 1 |

## Memory

| | |
|---|---|
| Memory slots type * | SO-DIMM |
| Number of memory slots * | 2 |
| Maximum internal memory | 64 GB |
| Supported memory clock speeds | 2666,3200 MHz |
| Supported memory types | DDR4-SDRAM |
| Memory channels | Dual-channel |
| Memory voltage | 1.2 V |
| Non-ECC | ✔ |

## Design

| | |
|---|---|
| LED indicators | HDD, Power |
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| VESA mounting | ✔ |
| Product type * | Mini PC barebone |

## Performance

| | |
|---|---|
| Motherboard chipset | Intel SoC |
| Number of processors supported | 1 |
| BIOS type | UEFI AMI |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |

## Processor special features

| | |
|---|---|
| Embedded options available | ✘ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✔ |
| Intel VT-x with Extended Page Tables (EPT) | ✔ |
| Intel 64 | ✔ |
| Idle States | ✔ |
| Enhanced Intel SpeedStep Technology | ✔ |
| Intel Flex Memory Access | ✔ |

## Storage

| | |
|---|---|
| Supported storage drive types * | HDD & SSD |
| Storage drive sizes supported * | 2.5,M.2 |
| Storage drive interface | PCI Express, Serial ATA III |
| Number of storage drives supported | 2 |
| Card reader integrated | ✔ |
| Compatible memory cards | SD, SDHC, SDXC |

## Graphics

| | |
|---|---|
| On-board graphics card * | ✔ |
| Graphics card family | Intel |
| On-board graphics card model | Intel® UHD Graphics |

## Audio

| | |
|---|---|
| Built-in speaker(s) * | ✘ |

## Network

| | |
|---|---|
| Ethernet LAN * | ✔ |
| Wi-Fi * | ✘ |
| LAN controller | Intel® I211, Intel® I219 |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.0a |
| VGA (D-Sub) ports quantity * | 1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.2 |
| Microphone in | ✔ |
| Headphone outputs | 1 |
| Ethernet LAN (RJ-45) ports * | 2 |
| Serial ports quantity | 1 |
| DC-in jack | ✔ |

## Expansion slots

| | |
|---|---|
| PCI Express slots version | 3.0 |
| Number of M.2 (M) slots | 1 |

## Design

| | |
|---|---|
| Chassis type * | 1.3L sized PC |
| Product colour * | Black |
| Cooling type * | Passive |
| On/off switch | ✔ |

## Processor special features

| | |
|---|---|
| Intel Trusted Execution Technology | ✘ |
| Execute Disable Bit | ✔ |
| Intel TSX-NI | ✘ |
| Intel Stable Image Platform Program (SIPP) | ✘ |
| Intel Clear Video Technology | ✔ |
| Intel Virtualization Technology (VT-x) | ✔ |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 84733080 |

## Software

| | |
|---|---|
| Windows operating systems supported | Windows 10, Windows 11 |
| Linux operating systems supported | ✔ |
| Operating system installed | ✘ |

## Power

| | |
|---|---|
| Power supply type * | External AC adapter |
| Power supply | 65 W |
| Number of power supply units | 1 |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| AC adapter output voltage | 19 V |
| AC adapter output current | 3.42 A |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Operating relative humidity (H-H) | 10 - 90% |

## Weight & dimensions

| | |
|---|---|
| Width | 165 mm |
| Depth | 200 mm |
| Height | 39.5 mm |
| Weight | 1.5 kg |
| Package weight | 2.2 kg |

## Packaging content

| | |
|---|---|
| Power cord included | ✔ |
| AC adapter included | ✔ |
| Quick start guide | ✔ |
| Drivers included | ✔ |

## Other features

| | |
|---|---|
| Country of origin | China |

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