

## 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 tallennusasetmatypit: HDD & SSD, Tallennuslaitteen liitäntä: PCI Express, Serial ATA III. Ethernet LAN (RJ-45) -portit: 2. Jäähdytyksen tyyppi: Passiivinen. Virtalähde: 65 W



Processor		Design	
Processor manufacturer	Intel	LED indicators	HDD, Power
Processor family	Intel® Core™ i3	Cable lock slot	✓
Processor generation	10th gen Intel® Core™ i3	Cable lock slot type	Kensington
Processor model	i3-10110U	VESA mounting	✓
Processor cores	2	Product type *	Mini PC barebone
Processor threads	4	<b>Performance</b>	
Processor boost frequency	4.1 GHz	Motherboard chipset	Intel SoC
Processor frequency	2.1 GHz	Number of processors supported	1
Built-in processor *	✓	BIOS type	UEFI AMI
Processor lithography	14 nm	Trusted Platform Module (TPM)	✓
Processor cache	4 MB	Trusted Platform Module (TPM) version	2.0
Thermal Design Power (TDP)	15 W	<b>Processor special features</b>	
CPU configuration (max)	1	Embedded options available	✗
<b>Memory</b>		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots type *	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Number of memory slots *	2	Intel 64	✓
Maximum internal memory	64 GB	Idle States	✓
Supported memory clock speeds	2666,3200 MHz	Enhanced Intel SpeedStep Technology	✓
Supported memory types	DDR4-SDRAM	Intel Flex Memory Access	✓
Memory channels	Dual-channel		
Memory voltage	1.2 V		
Non-ECC	✓		

<b>Storage</b>		<b>Processor special features</b>	
Supported storage drive types *	HDD & SSD	Intel Trusted Execution Technology	✗
Storage drive sizes supported *	2.5,M.2	Execute Disable Bit	✓
Storage drive interface	PCI Express, Serial ATA III	Intel TSX-NI	✗
Number of storage drives supported	2	Intel Stable Image Platform Program (SIPP)	✗
Card reader integrated	✓	Intel Clear Video Technology	✓
Compatible memory cards	SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
<b>Graphics</b>		<b>Logistics data</b>	
On-board graphics card *	✓	Harmonized System (HS) code	84733080
Graphics card family	Intel	<b>Software</b>	
On-board graphics card model	Intel® UHD Graphics	Windows operating systems supported	Windows 10, Windows 11
<b>Audio</b>		Linux operating systems supported	✓
Built-in speaker(s) *	✗	Operating system installed	✗
<b>Network</b>		<b>Power</b>	
Ethernet LAN *	✓	Power supply type *	External AC adapter
Wi-Fi *	✗	Power supply	65 W
LAN controller	Intel® I211, Intel® I219	Number of power supply units	1
<b>Ports &amp; interfaces</b>		AC input voltage	100 - 240 V
USB 2.0 ports quantity *	4	AC input frequency	50 - 60 Hz
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter output voltage	19 V
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	AC adapter output current	3.42 A
HDMI ports quantity *	1	<b>Operational conditions</b>	
HDMI version	2.0a	Operating temperature (T-T)	0 - 40 °C
VGA (D-Sub) ports quantity *	1	Operating relative humidity (H-H)	10 - 90%
DisplayPorts quantity	1	<b>Weight &amp; dimensions</b>	
DisplayPort version	1.2	Width	165 mm
Microphone in	✓	Depth	200 mm
Headphone outputs	1	Height	39.5 mm
Ethernet LAN (RJ-45) ports *	2	Weight	1.5 kg
Serial ports quantity	1	Package weight	2.2 kg
DC-in jack	✓	<b>Packaging content</b>	
<b>Expansion slots</b>		Power cord included	✓
PCI Express slots version	3.0	AC adapter included	✓
Number of M.2 (M) slots	1	Quick start guide	✓
<b>Design</b>		Drivers included	✓
Chassis type *	1.3L sized PC	<b>Other features</b>	
Product colour *	Black	Country of origin	China
Cooling type *	Passive		
On/off switch	✓		



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