SH570R6

CUBE PC

PROCESSOR	Supports Intel® 10th/11th Generation 125W Core™ i3/i5/i7, Pentium®, and Celeron® LGA 1200 processors
MEMORY	DDR4 3200 (11th Gen CPU only)/2933/2666 MHz, Supports dual channel up to 128GB (32GB x 4)
VIDEO GRAPHICS	Intel Graphics based on CPU: Xe (Rocketlake CPU)/HD (Cometlake CPU)
VIDEO OUTPUT	HDMI x 1 + DisplayPort x 2, Supports triple independent displays, Supports 4K/60Hz playback
AUDIO	Realtek ALC662/ALC897, 5.1 channel HD audio
ETHERNET	Intel i210AT + i219LM Supports Wake on LAN function 10/100/1000 MB/s operation Supports Teaming function
STORAGE INTERFACE	SATA 6 GB/s
ONBOARD CONNECTORS	(2) Fan connectors (4 pin) (1) RS232 header (4) SATA 6 connector (1) VGA header (1) ATX main power (2*10) (1) Front AUDIO header (1) ATX 12V power (2*2) (2) Front USB FFC header (1) 1x4 USB 2.0 header
FRONT PANEL	(1) Power Button (3) USB 3.2 Gen 1 (1) Power LED (1) Microphone in (1) HDD LED (1) Headphone out (1) USB 3.2 Gen 1 Type-C
BACK PANEL	(4) USB 2.0 (1) Audio line-in (4) USB 3.2 Gen 2 (1) Audio line-out (2) LAN ports (1) Microphone input (1) HDMI (1) Kensington Lock (2) DisplayPort (1) Clear CMOS button (3) Antenna hole (3) Perforation for optional WLAN antennas
DRIVE BAYS	(1) 5.25" ODD bay Supports up to 2.5" HDD x2 or x4 if PHD3 HDD rack x1 or x2 accessory is used (2) 3.5" HDD bay
DIMENSIONS	13(L) x 8.5(W) x 7.48(H) inches
POWER	Input: 100 - 240V AC 80 PLUS 300W power supply Supports 80 PLUS Bronze
ACCESSORIES	Quick Guide Driver DVD CPU Thermal Grease Power Cord SATA cable Screw Package
EXPANSION SLOT	(1) PCI-E X16 Gen 4.0 slot (1) M.2 MAX to 2230 Type E key socket (1) PCI-E X4 Gen 3.0 slot (1) M.2 MAX to 2280 Type M key socket
OS SUPPORT	Windows 10 64 bit, Linux
CERTIFICATION	CB, CE, cTUVus, BSMI, FCC, RCM, VCCI

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CUBE PC

R6-CHASSIS	Black aluminum chassis, glossy plastic with horizontal line textures (front panel) Drive bays: 1 x 5.25" ODD, 2 x 3.5" HDD (1 x internal, 1 x external) Supports up to 2 x 2.5" HDD if PHD3 rack accessory x1 or x2 is used Front doors for I/O ports and storage drives Kensington lock slot on the back as part of anti-theft system Dimensions: 13 (L) x 8.5 (W) x 7.48 (H) inches Weight: 7.7 LBS (net) / 9.9 LBS (gross)
MAINBOARD AND CHIPSET	Shuttle mainboard, proprietary design for XPC SH570R6; Chipset: Intel® H570 Passive chipset cooling with heat sink Solid capacitors for sensitive areas provide excellent heat resistance for enhanced system durability
BIOS	AMI BIOS, SPI Interface, 16 MB Flash-EPROOM Supports Hardware Monitoring, Watch Dog, Power Fail Resume Supports firmware TPM (fTPM) v2.0 Supports boot up from external USB flash memory Supports Unified Extensible Firmware Interface (UEFI)
POWER SUPPLY	Built-in 300W mini switching power supply [5]* AC input voltage: 100 - 240V, 50 - 60 Hz 80 PLUS Bronze compliant: PSU provides at least 82/85/82% of efficiency at 20/50/100% load Active PFC Circuit (Power Factor Correction) ATX main power connectors: 2x10 and 2x2 pin Graphics power connector: 6 pin Other connectors: 4 x SATA, 2 x Molex
OPERATING SYSTEM	The system comes without an operating system installed. Compatibility: Windows 10, Linux 64bit
PROCESSOR SUPPORT	LGA 1200 Socket supports Intel® Core® i3/i5/i7/i9, Pentium, and Celeron processors Supports 10th and 11th generation Intel Core processors ("Comet Lake-S" and "Rocket Lake-S"), 14++ nm process technology Max supported processor power consumption (TDP): 125W Up to 10 CPU cores (Max 8 cores for 11th Gen, max 10 cores for 10th Gen), 20 threads and 20 MB of L3 cache Does not support the unlock function of Intel K-series processors The processor integrates PCI-Express, the memory controller, and graphics engine on the same die (performance features depend on the processor type) Processors with "F" identifier does not support integrated graphics [3]* Please refer to the support list for more detailed processor information at global.shuttle.com
SYSTEM COOLING	Shuttle I.C.E. (Integrated Cooling Engine) advanced heatpipe cooling technology, linear-controlled 92 mm fan Silent X cooling and noise reduction technology with Active Airflow
MEMORY SUPPORT	4 x 288 pin slots, Supports DDR4 memory at 1.2V, Supports Dual Channel mode Supports a max. of 32GB per DIMM, up to 128GB total, DDR4 clock frequency depends on processor: -10th Gen "Comet Lake" Core i7/i9 supports DDR4-2933 -11th Gen "Rocket Lake" supports DDR4-3200 -other "Comet Lake" CPUs supports DDR4-2666
PCI-E SLOTS	1 x PCI-Express x16 v4.0 slot (supports PCI-Express v3.0 with 10th Gen "Comet Lake" processors) 1 x PCI-Express x4 v3.0 slot, open ended Supports dual slot (double width) graphic cards (occupies the second PCI-Express slot) 6 pin power connector for graphic card [5]*, max size for cards 273 mm x 98 mm x 38 mm
M.2 SLOTS	M.2 2280 BM slot, provides the following interfaces: -PCI-Express Gen. 4.0 X4, supports NVMe -SATA v3.0 (max 6 GB/s) Supports M.2 card with a width of 22 mm and a length of 42, 60, or 80 mm (type 2242, 2260, 2280) Supports M.2 SSDs with SATA or PCI-Express interface M.2 2230 E slot for WLAN cards -PCI-Express Gen. 3.0 X1 and USB 2.0 Supports M.2 cards with a width of 22 mm and a length of 30 mm (type 2230) Supports WLAN extension cards (optional accessory WLN-M)

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SH570R6

INTEGRATED GRAPHICS	Intel UHD graphics function features depend on the processor type used **[3]*** This model has three video outputs which supports 2160p/60 UHD resolution: -HDMI v2.0b x 1 (only HDMI 1.4b with 10th Gen "Comet Lake" processor) -DisplayPort v1.4 x 2 Supports displays with 4K Ultra HD resolution at 3840 x 2160 (2160p/60) Supports three independent displays with integrated graphics function Supports more displays in combination with a discrete graphics card Supports Blu-Ray playback with HDCP content protection **[1]*** Supports multi-channel digital audio over the same cable for both DisplayPort and HDMI Hardware video decoding/encoding
DRIVE BAYS	Storage bays: 5.25" x 1 (external), 3.5" x 2 (internal x 1, external x 1) Using the optional PHD3 accessory allows for 2.5" x 2 drives to be installed in one 3.5" drive bay
HD AUDIO	Realtek ALC897, 5.1 channel Three analog audio connectors (3.5 mm) on the back: Line-in (blue), line-out (green), microphone input (pink) shared with 5.1 channel line-out (front, rear, center) Front panel: microphone input and headphone output (line-out)
GIGABIT LAN CONTROLLER	Dual gigabit network with two RJ45 ports: Intel i210AT x 1 - ethernet controller with MAC, PHY, and PCIe interface Intel i219LM x 1 - PHY connected to the MAC of the processor Supports 10/100/1000 MB/s operation Supports Wake-on-LAN, Supports Teaming mode **[4]*** Supports network boot by Preboot eXecution environment (PXE)
SATA CONNECTORS	4 x Serial ATA 6G connector onboard (rev 3.0, max 6 GB/s) Supports Intel Rapid Storage Technology (RST) with RAID 0/1/5/10, JBOD
FRONT PANEL CONNECTORS	Microphone input (3.5 mm)　　　　　　　Power button Headphone output (3.5 mm)　　　　　　Power indicator (Blue LED) 1 x USB 3.2 Gen 1 (Type-C)　　　　　　Hard disk drive indicator (Yellow LED) 3 x USB 3.2 Gen 1 (Type-A)
BACK PANEL CONNECTORS	HDMI 2.0b x 1 (HDMI 1.4 w/ 10th Gen CPU)　　Audio line-in DisplayPort v1.4 x 2 **[2]***　　　　　　　　　Audio line-out USB 3.2 Gen 2 x 4 (Type-A)　　　　　　　　Microphone input USB 2.0 x 4 (Type-A)　　　　　　　　　　WLAN antenna holes x 3 (optional) Gigabit LAN RJ45 x 2　　　　　　　　　Serial RS232 port (optional, H-RS232 accessory) Clear CMOS button
OTHER CONNECTORS (ONBOARD)	USB 2.0 x 1 (4-pin header)　　　　　　　Fan connectors x 2 (4 pin) RS232 x 1 (2x5 pin) serial interface
INCLUDED ACCESSORIES	XPC installation guide　　　　　　　　　AC Power Cord (with protective earth contacts) Driver DVD　　　　　　　　　　　　　Protector cap for CPU socket (don't use if heatpipe/fan is mounted) Serial ATA cables x 2　　　　　　　　　Thermal paste Screw pack
OPTIONAL ACCESSORIES	2.5" drive adapter (PHD3)　　　　　　　Adapter cable for external power button (CXP01) Adapter for RS232 port (H-RS232)　　　WLAN IEEE 802.11 a/c + Bluetooth 4.2 w/ antennas (WLN-M)
ENVIRONMENTAL CRITERIA	Operating temperature: 0 - 40°C　　　　Humidity: 10 - 90% (non-condensing)
CERTIFICATIONS	EMI: FCC, CE, BSMI, C-Tick　　　　　　Other: RoHS, Energy Star 5.0, ErP Safety: ETL, CB, BSMI This model is classed as a technical information equipment (ITE) in class B and is intended for use in living rooms and offices. The CE mark approves conformity by the EU directives: (1) 2014/30/EU relating to electromagnetic compatibility (EMC) (2) 2014/35/EU relating to Electrical Equipment designed for use within certain voltage limits (LVD) (3) 2009/125/EC relating to eco-design requirements for energy related products (ErP)

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CUBE PC

[1] FOR BLU-RAY PLAYBACK

Appropriate software and a Blu-Ray drive is required (not included with this model)

[2] HOW TO CONVERT DISPLAYPORT TO HDMI/DVI

The DisplayPort output can be converted into a HDMI or DVI output using an additional passive adapter cable. The integrated graphics automatically detects the connected display and outputs the appropriate electric signal - either DisplayPort (without an adapter) or HDMI/DVI (with an adapter). However, a monitor with a DisplayPort connector cannot be connected to the HDMI port with a simple passive adapter.

[3] INTEGRATED GRAPHICS IS OPTIONAL FOR SOME PROCESSORS

Processors with model numbers ending with "F" (like Intel Core i5-11600F) do not support integrated graphics. In cases of these processors, a discrete PCI-E graphics card is mandatory. Intel® 11th Gen Rocket Lake CPUs are integrated with Intel® UHD Graphics 750 and Intel® 10th Gen Comet Lake CPUs are integrated with Intel® UHD Graphics 630/610.

[4] TEAMING MODE

The teaming function allows you to group both available network adapters together to function as a single adapter. The benefit of this approach is that it enables load balancing and failover.

[5] ONLINE POWER CALCULATOR

The PCI Express x16 slot provides a maximum of 75 watts to the graphics card, plus 75 watts from the 6-pin connector of the power supply - the power consumption of the graphics card must not exceed 150 watts. The processor may have a maximum TDP of 125 watts. If powerful PC components are used, then check the power supply calculator to see whether the 300 watt power supply supports this configuration (see: http://global.shuttle.com/support/power. Please also refer to the support list for detailed processor and graphics cards support information at http://global.shuttle.com).

BIOS DOWNLOADS: http://global.shuttle.com/products/productsDownload?productId=2593
SUPPORT LIST: http://global.shuttle.com/products/productsSupportList?productId=2593
FAQ LIST: http://global.shuttle.com/support/faq
PRODUCT WARRANTY: https://us.shuttle.com/barebone-support/policy-xpc-barebone/

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SH570R6

CUBE PC

Front View

1 5.25" optical drive bay
2 Eject button (optical drive)
3 3.5" drive bay (HDD/SSD)
4 Hard disk LED
5 Power LED
6 Power button
7 USB 3.2 Gen 1 x 3 (Type-A)
8 Microphone input
9 Headphone output
10 USB 3.2 Gen 1 Type-C

Back View
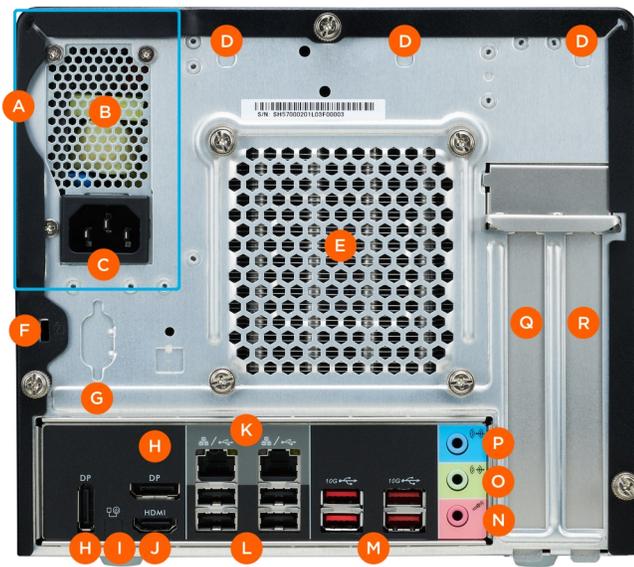
A	Power supply	J	HDMI 2.0b/1.4b
B	Power supply fan	K	Gigabit LAN (RJ45) x 2
C	AC power connector	L	USB 2.0 x 4
D	Antenna hole x 3	M	USB 3.2 Gen 1 x 4
E	Heatpipe cooling system	N	Microphone input
F	Kensington Lock	O	Audio line-out
G	Optional COM port (RS232)	P	Audio line-in
H	DisplayPort 1.4 x 2	Q	PCI Express X16 slot
I	Clear CMOS button	R	PCI Express X4 slot

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SH570R6

SUPPORTS INTEL® 10TH AND 11TH GENERATION PROCESSORS

The SH570R6 supports Intel® 10th/11th Generation (Comet Lake/Rocket Lake) Core™ i3/i5/i7/i9, Pentium®, and Celeron® 95W processors. With new processors up to 8 cores, the platform supports up to 128 GB of DDR4-2666 memory.

PCI-E x 16

SUPPORTS PCI-E EXPANSION CARDS

PCI-E X16 4.0 and PCI-E X4 3.0 slots are provided for use with multi-display graphic cards, monitor cards, RAID cards, professional sound cards and more.*

*Supports cards up to 273 (L) x 38 (W) x 98 (H) mm
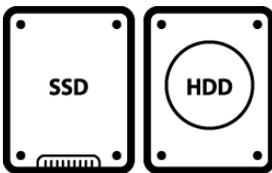
HIGH STORAGE CAPACITY

Available with a SATA 3.5" x 2 and a 5.25" optical drive bay, expansion for up to 4 2.5" HDD/SSDs is possible. The SH570R6 is optimized for high performance and reliability, ideal for applications such as a NAS and media workstation.

SUPPORTS INTEL® OPTANE™ MEMORY READY

Support for the latest Intel® Optane™ Memory technology accelerates the system for up to 28% faster speed when swapping to an Intel® Optane™ SSD.

SMART FAN DESIGN

A heat-pipe cooling design with smart fan design can be set in the BIOS for faster fan speed automatically when CPU temperature increases for high stability and low noise during long term operation.

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SH570R6

ACCESSORY	WLN-M
DESCRIPTION	The WLN-M wireless LAN kit can be used to equip XPC cube and slim series models with the wireless LAN standard 802.11 b/g/n/ac at 2.4/5 GHz. The combo device supports Bluetooth 4.0.
ITEMS INCLUDED	M.2 2230 WLAN card, XPC slim antenna cables x 2, XPC cube antenna cables x 2, Dipole antennas x 2, Quick guide, Driver DVD
OS SUPPORT	Windows 7, Windows 8.1, Windows 10, Linux (32/64 bit)

ACCESSORY	H-RS232
DESCRIPTION	With the help of this adapter, a serial RS232 port can be equipped in several XPCs. A sub-D connector is added to the back panel and is connected to the serial interface on the motherboard.
PORTS	External: Sub-D, 9 pins, male Internal: 10 pin (2x5), female

ACCESSORY	CXP01
DESCRIPTION	For Shuttle models with a connector for an external power button, this 2-meter cable includes fitting connections that only requires a push button switch.
PORTS	Dual head connector: 2.54 mm pitch Two female crimp contact pins, tin-plated Outer diameter: 6.5 mm Two-pole cable: 2 x 0.34 mm
REMARKS	-Cable provides tin-plated leads for a push button switch -Connection to the external power button can be screw-type or soldering

ACCESSORY	PHD3
DESCRIPTION	The PHD3 allows for installation of up to two 2.5" HDD/SSD into a larger 3.5" drive bay. With a second PHD3, up to four 2.5" drives can be installed (4th drive can only be installed in XPCs of the J & R series)
REMARKS	Please check number of available SATA data and power connectors. Current XPC models usually offer four SATA data connectors and three SATA power connectors.

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SH370R6 V2 vs SH570R6 CUBE PC

MODEL	SH370R6 V2	SH570R6
CHIPSET	Intel H370	Intel H570
PROCESSOR SUPPORT	LGA 1151v2, max TDP 95W 14nm Coffee Lake (8th/9th Gen Core CPU) Intel® Core™ i3/i5/i7/i9, Pentium, Celeron Intel® Optane™ Memory Technology support	LGA 1200, max TDP 125W 14nm Comet Lake/Rocket Lake (10th/11th Gen Core CPU) Intel® Core™ i3/i5/i7/i9, Pentium, Celeron Intel® Optane™ Memory Technology support
MEMORY	4 x 32GB DDR4 2400/2666 MHz max**	4 x 32GB DDR4 3200 MHz max*
PCI-E SLOTS	(1) PCI-E X16 v3.0 (1) PCI-E X4 v3.0	(1) PCI-E X16 v4.0* (1) PCI-E X4 v3.0
VIDEO OUTPUT	HDMI 2.0a + DisplayPort 1.2 x 2, Supports triple independent displays, Supports 4K Ultra HD, DirectX 12	HDMI 2.0b* + DisplayPort 1.4 x 2, Supports triple independent displays, Supports 4K Ultra HD, DirectX 12
AUDIO	Realtek ALC662, 5.1 channel HD audio	Realtek ALC662/ALC897, 5.1 channel HD audio
ETHERNET	Intel i211 x 2 10/100/1000 MB/s operation Supports Wake on LAN function	Intel i210AT + i219LM 10/100/1000 MB/s operation Supports Wake on LAN function
SATA ONBOARD	SATA 6G x 4	SATA 6G x 4
FRONT PANEL	Power button with LED, HDD LED, MIC-in, Headphone out, USB 2.0 x 2, USB 3.1 Gen 1 x 2 (Type-A)	Power button with LED, HDD LED, MIC-in, Headphone out, USB 3.2 Gen 1 x 4 (Type-A x 3, Type-C x 1)
BACK PANEL	HDMI 2.0, DisplayPort 1.2 x 2 USB 2.0 x 2, USB 3.1 Gen 1 x2, USB 3.1 Gen 2 x 4 Gigabit LAN x 2 (Intel i211) Audio x 3, Clear CMOS button	HDMI 2.0b, DisplayPort 1.4 x 2 USB 3.2 Gen 2 x 4, USB 2.0 x 4 Gigabit LAN x 2 (Intel i210AT + i219LM) Audio x 3, Clear CMOS button
DRIVE BAYS	(1) 5.25" ODD bay (2) 3.5" HDD bay	(1) 5.25" ODD bay (2) 3.5" HDD bay
POWER	300W 80 PLUS Bronze	300W 80 PLUS Bronze
OPTIONAL ACCESSORIES	500W power supply (PC63J) RS232 port (H-RS232) WLAN kit 802.11 n/ac + Bluetooth (WLN-M) 2.5" drive rack (PHD3)	Cable for external power button (CXP01) RS232 port (H-RS232) WLAN kit 802.11 n/ac + Bluetooth (WLN-M) 2.5" drive rack (PHD3)
EXPANSION SLOT	M.2 2280 type M slot, M.2 2230 type E SATA and PCI-E V3 X4 (NVMe support)	M.2 2280 type M slot, M.2 2230 type E SATA and PCI-E V3 X4 (NVMe support)
OS SUPPORT	Windows 10, Linux 64 bit	Windows 10, Linux 64 bit

*PCIe X16 V4, DDR4-3200, and HDMI 2.0b supported with 11th Gen processors; 10th Gen processors only support PCIe X16 V3, DDR4-2666/2933, and HDMI 1.4b

**For SH370R6 V2, max 128GB memory is supported with BIOS update

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SH570R6

CUBE PC

10th Generation Intel Core Desktop Processors (LGA 1200 14 nm Comet Lake-S)

Name	Model	Cores/Threads	CPU Clock	Turbo Clock	Cache	TDP	Memory	Graphics	Graphics Clock
Core i9	10900K	10/20	3.7 GHz	5.1 GHz	20 MB	125W	DDR4-2933	UHD 630	1.2 GHz
	10900KF	10/20	3.7 GHz	5.1 GHz	20 MB	125W	DDR4-2933	None	None
	10910	10/20	3.6 GHz	5.0 GHz	20 MB	125W	DDR4-2933	UHD 630	1.2 GHz
	10900	10/20	2.8 GHz	5.0 GHz	20 MB	65W	DDR4-2933	UHD 630	1.2 GHz
	10900F	10/20	2.8 GHz	5.0 GHz	20 MB	65W	DDR4-2933	None	None
	10900T	10/20	1.9 GHz	4.5 GHz	20 MB	35W	DDR4-2933	UHD 630	1.2 GHz
	10850K	10/20	3.6 GHz	5.0 GHz	20 MB	125W	DDR4-2933	UHD 630	1.2 GHz
Core i7	10700K	8/16	3.8 GHz	5.0 GHz	16 MB	125W	DDR4-2933	UHD 630	1.2 GHz
	10700KF	8/16	3.8 GHz	5.0 GHz	16 MB	125W	DDR4-2933	None	None
	10700	8/16	2.9 GHz	4.7 GHz	16 MB	65W	DDR4-2933	UHD 630	1.2 GHz
	10700F	8/16	2.9 GHz	4.7 GHz	16 MB	65W	DDR4-2933	None	None
	10700T	8/16	2.0 GHz	4.4 GHz	16 MB	35W	DDR4-2933	UHD 630	1.2 GHz
Core i5	10600K	6/12	4.1 GHz	4.8 GHz	12 MB	125W	DDR4-2666	UHD 630	1.2 GHz
	10600KF	6/12	4.1 GHz	4.8 GHz	12 MB	125W	DDR4-2666	None	None
	10600	6/12	3.3 GHz	4.8 GHz	12 MB	65W	DDR4-2666	UHD 630	1.2 GHz
	10600T	6/12	2.4 GHz	4.0 GHz	12 MB	35W	DDR4-2666	UHD 630	1.2 GHz
	10500	6/12	3.1 GHz	4.5 GHz	12 MB	65W	DDR4-2666	UHD 630	1.15 GHz
	10500T	6/12	2.3 GHz	3.8 GHz	12 MB	35W	DDR4-2666	UHD 630	1.1 GHz
	10400	6/12	2.9 GHz	4.3 GHz	12 MB	65W	DDR4-2666	UHD 630	1.1 GHz
	10400F	6/12	2.9 GHz	4.3 GHz	12 MB	65W	DDR4-2666	None	None
	10400T	6/12	2.0 GHz	3.6 GHz	12 MB	35W	DDR4-2666	UHD 630	1.1 GHz
Core i3	10320	4/8	3.8 GHz	4.6 GHz	8 MB	65W	DDR4-2666	UHD 630	1.15 GHz
	10300	4/8	3.7 GHz	4.4 GHz	8 MB	65W	DDR4-2666	UHD 630	1.15 GHz
	10300T	4/8	3.0 GHz	3.9 GHz	8 MB	35W	DDR4-2666	UHD 630	1.1 GHz
	10100	4/8	3.6 GHz	4.3 GHz	8 MB	65W	DDR4-2666	UHD 630	1.1 GHz
	10100F	4/8	3.6 GHz	4.3 GHz	8 MB	65W	DDR4-2666	UHD 630	1.1 GHz
	10100T	4/8	3.0 GHz	3.8 GHz	8 MB	35W	DDR4-2666	UHD 630	1.1 GHz
Pentium Gold	G6600	2/4	4.2 GHz	-	4 MB	58W	DDR4-2666	UHD 630	1.1 GHz
	G6500	2/4	4.1 GHz	-	4 MB	58W	DDR4-2666	UHD 630	1.1 GHz
	G6500T	2/4	3.5 GHz	-	4 MB	35W	DDR4-2666	UHD 630	1.05 GHz
	G6400	2/4	4.0 GHz	-	4 MB	58W	DDR4-2666	UHD 610	1.05 GHz
	G6400T	2/4	3.4 GHz	-	4 MB	35W	DDR4-2666	UHD 610	1.05 GHz
Celeron	G5925	2/2	3.6 GHz	-	4 MB	58W	DDR4-2666	UHD 610	1.05 GHz
	G5920	2/2	3.5 GHz	-	2 MB	58W	DDR4-2666	UHD 610	1.05 GHz
	G5905	2/2	3.5 GHz	-	4 MB	58W	DDR4-2666	UHD 610	1.05 GHz
	G5905T	2/2	3.3 GHz	-	4 MB	35W	DDR4-2666	UHD 610	1.0 GHz
	G5900	2/2	3.4 GHz	-	2 MB	58W	DDR4-2666	UHD 610	1.05 GHz
	G5900T	2/2	3.2 GHz	-	2 MB	35W	DDR4-2666	UHD 610	1.05 GHz

K = unlocked, **T** = power optimized, **F** = without integrated graphics, **TDP** = thermal design power (max power consumption).
The SH570R6 does not support the unlock function of Intel K-series processors. See more support information at **global.shuttle.com**

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SH570R6

CUBE PC

11th Generation Intel Core Desktop Processors (LGA 1200 14 nm Rocket Lake-S)

Name	Model	Cores/Threads	CPU Clock	Turbo Clock	Cache	TDP	Memory	Graphics	Graphics Clock
Core i9	11900K	8/16	3.5 GHz	5.3 GHz	16 MB	125W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11900KF	8/16	3.5 GHz	5.3 GHz	16 MB	125W	DDR4-3200	None	None
	11900	8/16	2.5 GHz	5.2 GHz	16 MB	65W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11900F	8/16	2.5 GHz	5.2 GHz	16 MB	65W	DDR4-3200	None	None
	11900T	8/16	1.5 GHz	4.9 GHz	16 MB	35W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
Core i7	11700K	8/16	3.6 GHz	5.0 GHz	16 MB	125W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11700KF	8/16	3.6 GHz	5.0 GHz	16 MB	125W	DDR4-3200	None	None
	11700	8/16	2.5 GHz	4.9 GHz	16 MB	65W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11700F	8/16	2.5 GHz	4.9 GHz	16 MB	65W	DDR4-3200	None	None
	11700T	8/16	1.4 GHz	4.6 GHz	16 MB	35W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
Core i5	11600K	6/12	3.9 GHz	4.9 GHz	12 MB	125W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11600KF	6/12	3.9 GHz	4.9 GHz	12 MB	125W	DDR4-3200	None	None
	11600	6/12	2.8 GHz	4.8 GHz	12 MB	65W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11600T	6/12	1.7 GHz	4.1 GHz	12 MB	35W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11500	6/12	2.7 GHz	4.6 GHz	12 MB	65W	DDR4-3200	UHD 750	1.3 GHz, 32 EUs
	11500T	6/12	1.5 GHz	3.9 GHz	12 MB	35W	DDR4-3200	UHD 750	1.2 GHz, 32 EUs
	11400	6/12	2.6 GHz	4.4 GHz	12 MB	65W	DDR4-3200	UHD 730	1.3 GHz, 24 EUs
	11400F	6/12	2.6 GHz	4.4 GHz	12 MB	65W	DDR4-3200	None	None
	11400T	6/12	1.3 GHz	3.7 GHz	12 MB	35W	DDR4-3200	UHD 730	1.2 GHz, 24 EUs

K = unlocked, **T** = power optimized, **F** = without integrated graphics, **TDP** = thermal design power (max power consumption).

The SH570R6 does not support the unlock function of Intel K-series processors. See more support information at **global.shuttle.com**