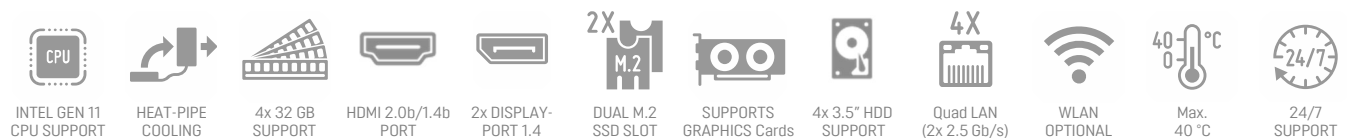


BAREBONE XPC cube SW580R8

14-LITER CUBE FOR SERVER AND WORKSTATION APPLICATIONS

Like its sister model SH570R8, the Shuttle XPC Barebone SW580R8 supports 10th/11th generation Intel Core processors, four large 3.5" hard disks with Raid function, 128 GB DDR4-3200 RAM and dual-slot graphics cards. In addition, the SW580R8 also accepts Xeon W-series processors featuring ECC and vPro for more system stability and remote management options. It also offers four network ports for the first time (two of them with 2.5 GBit/s), a second M.2 slot for SSD cards and a TPM security chip. Such impressive performance and range of features in an aluminum chassis with a volume of only 14 liters makes SW580R8 the ideal platform for demanding mini-server and workstation PCs with top reliability even under heavy load.



CUBE DESIGN

- Black aluminium chassis
- Dimensions: 33.2 x 21.5 x 19 cm (LWH), ca. 13.6-litre
- Operating temperature: 0~40 °C (non-condensing)

OPERATING SYSTEM

- An operating system is not included
- Supports Windows 10/11 and Linux (64-bit)

PROCESSOR SUPPORT

- Socket LGA1200 supports Intel Xeon W series processors and Intel Core i9/i7/i5/i3, Pentium Gold and Celeron processors of Gen. 10 "Comet Lake" and Gen. 11 "Rocket Lake" with up to 125W TDP
- Includes heatpipe cooling system

CHIPSET & GRAPHICS

- Intel W580 Chipset
- Supports Intel vPro/AMT with appropriate software and processors
- Integrated Intel UHD graphics with triple 4K display support (Note: "F"-series Core CPUs lack the integrated graphics)

MEMORY SUPPORT

- Four 288-pin DIMM slots
- Supports up to 128 GB capacity in total (max. 32 GB each module)
- Supports DDR4-2666/2933/3200
- Supports ECC memory in conjunction with Intel Xeon processors

PCI-EXPRESS SLOTS

- 1x PCIe X16 v3/v4 slot supports dual-slot graphics cards up to ca. 28 x 12 x 4 cm (LWH), with 6-pin and 8-pin power connector
- 1x PCIe X4 v3 slot (not usable with dual-slot graphics card)

STORAGE – SATA / M.2

- Bays: 4x 3.5" (internal), onboard: 4x SATA ports (supports RAID)
- 2x M.2-2280M slot (one supports PCIe x4 v3/v4 NVMe)
- 1x M.2-2230E for optional WLAN (accessory: WLN-M)

CONNECTORS

- HDMI 1.4b/2.0b
- 2x DisplayPort 1.4
- 4x USB 3.2 Gen2
- 4x USB 3.2 Gen1 (1x Type-C)
- 4x USB 2.0
- 1x internal USB 2.0
- 4x RJ45 LAN Ports (2x Intel Gigabit and 2x Realtek 2.5G)
- 5x Audio I/O (2x front, 3x rear)
- Connector for external power button

POWER SUPPLY

- Internal 500W power supply, 80Plus Gold

OPTIONAL ACCESSORIES

- WLAN Kit (WLN-M (ac)/WLN-M1 (ax))
- RS232 COM Port (H-RS232)
- Adapter for two 2.5" drives (PHD3)
- 850W Power Supply (PC850)
- Cable for external power button (CXP01)

Note: Some features marked in red color are only supported in combination with Gen 11 "Rocket Lake-S" processors.

Shuttle XPC cubes with Intel 5xx Chipset

| Product | CPU Socket | Xeon | Chip | Chassis | Drive bays | LAN | vPro | ECC | Netzteil | UPC Code |
|----------------|------------|------|------|---------|-----------------|--------------|------|-----|-------------------|--------------|
| SH510R4 | LGA 1200 | — | H510 | R4 | 5.25" + 2x 3.5" | 1x | — | — | 300 W, 80+ Bronze | 887993003948 |
| SH570R6 | LGA 1200 | — | H570 | R6 | 5.25" + 2x 3.5" | 2x | — | — | 300 W, 80+ Bronze | 887993003498 |
| SH570R6 Plus | LGA 1200 | — | H570 | R6 | 5.25" + 2x 3.5" | 2x | — | — | 500 W, 80+ Gold | 887993003870 |
| SH570R8 | LGA 1200 | — | H570 | R8 | 4x 3.5" | 2x | — | — | 500 W, 80+ Gold | 887993003504 |
| SW580R8 | LGA 1200 | Yes | W580 | R8 | 4x 3.5" | 4x (2x 2.5G) | Yes | Yes | 500 W, 80+ Gold | 887993004174 |

REQUIRED COMPONENTS

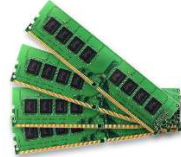
The following components need to be added to make it a fully-configured Mini PC

Shuttle XPC Cube Barebone SW580R8 (Photo without chassis cover)



LGA1200 Processor

Supports Intel Core i9 / i7 / i5 / i3, Pentium Gold or Celeron or Intel Xeon W series processors
Gen 10 "Comet Lake" or Gen 11 "Rocket Lake"
TDP max. 125 W



Memory Modules

Up to four 288-pin DIMM memory modules, max. 32 GB each
Supports DDR4-3200 clock rate with Gen 11 CPUs
Supports DDR4-2933/2666 clock rate with Gen 10 CPUs
Supports ECC memory modules with Intel Xeon processors



SATA Storage Drives

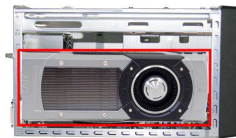
The drive rack supports four 3.5" drives.

Note: use accessory PHD3 to install two 2.5" drives (Hard disks or SSDs) in a 3.5" bay. The mainboard features four SATA ports and one USB 2.0 onboard header.



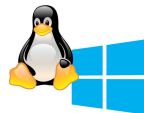
M.2 SSD (optional)

Supports M.2-2280/2260/2242 formats
Supports SATA or PCIe/NVMe interfaces
(in conjunction with a Gen 10 „Comet Lake“ processor one of the two M.2 slot supports SATA mode only)



PCI-EXPRESS CARDS (optional)

1) PCI-E X16 slot (e.g. Single-Slot graphics card)
2) PCI-E X4 slot (e.g. Dual 10 Gb network card)
The power consumption of the graphics card must not exceed 300 watts [4]. Max. length is 280 mm. If a dual-slot (double-width) graphics cards is used the second PCI-Express slot will be occupied.



Operating System

Windows 10/11 or Linux (64-bit only)

OPTIONAL ACCESSORIES FROM SHUTTLE



WLAN-Accessory

WLN-M (802.11ac / Wifi 5)
WLN-M1 (802.11ax / Wifi 6)
M.2-2230 card supports WLAN and Bluetooth including 2 antennas



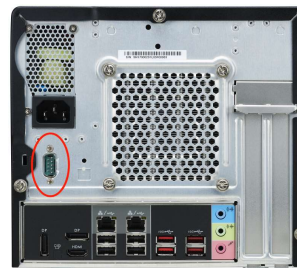
Adapter for 2.5" drives **PHD3**

The PHD3 allows for installation of one or two 63.5 mm (2.5") hard drives or SSDs into a larger 89 mm (3.5") drive bay.



PSU Upgrade **PC850**

850W power supply upgrade kit with 80 PLUS® Platinum efficiency



COM Port Adapter **H-RS232**

The H-RS232 allows for installation of one serial COM port (RS232) in the back panel.



Cable **CXP01**

Cable for external push button switch (without button)

PRODUCT FEATURES



The R8 chassis design: stylish and sophisticated

The R8 is the case design of choice when it comes to flexible storage solutions thanks to its four-hard-drive support. At the same time it provides an incredible amount of space for large state-of-the-art graphics cards. The R8 case uses light aluminium as its stylish base material and the brushed surfaces are truly eye-catching.



Integrated Cooling Engine

In order to ensure proper airflow inside such a small case, more advanced cooling technologies have been developed and implemented in the Shuttle XPC. Shuttle's industry-leading I.C.E. heatpipe technology delivers efficient cooling and is exceptionally quiet.



What is a Barebone?

The SW580R8 consists of a stylish case with pre-installed mainboard, power supply unit (PSU) and cables. Despite its small form factor, it offers outstanding connectivity, functionality and performance. For a full PC system, a processor, memory, mass storage and operating system need to be added. Shuttle XPC cube Barebones are completely customisable meaning users can pick certain components on their own to ideally match their individual needs.



Supports Intel Xeon Processors and ECC memory

SW580R8 is equipped with the Intel® W580 workstation chipset that supports Intel® Xeon® W-1000 series processor and ECC memory, delivering reliable performance and enhanced security. ECC RAM modules use an error correction code (ECC) to detect and correct data corruption which may occur in memory. It is recommended for computers where data corruption cannot be tolerated under any circumstances, like industrial control applications or critical databases.



Supports Intel® vPro™ / AMT

Intel® vPro™ is a brand name for a specific set of management and security technologies. Intel® Active Management Technology (AMT) is a subset of Intel vPro. This technology allows remote management of PCs, even in power-off mode or with non-functional operating systems. You can audit, repair and restore AMT-based platforms in a LAN. These functions can increase the uptime of desktops with lower maintenance costs. Intel vPro requires appropriate software and processors.



Four Network Ports

SW580R8 adopts a couple of Intel 1GbE LAN and RealTek 2.5GbE LAN. Multi-LAN is usually targeted at the enterprise with a number of potential applications, e.g. failover/fallback (two networks if one network fails), redundancy/security (separate network for production/maintenance or private/public etc).



Ample space for demanding dual-slot graphics cards

Despite the small housing, the SW580R8 is capable of running dual-slot (double-height) high-performance PCI Express graphics cards. The system provides additional 6-pin and 8-pin power connectors for more power-hungry graphics cards. The maximum size acceptable for graphics cards is 280 mm x 120 mm x 38 mm. Please refer to the support list for detailed support information at global.shuttle.com.



Triple UHD display support and more

The integrated graphics supports up to three independent monitors at Ultra-HD resolution if not an F-type CPU is used. This XPC even supports at least five displays in combination with a discrete PCI-Express graphics card, based on the Switchable Graphics feature. Expand your Windows desktop across many monitors, but note it does not support a 2x2 configuration or clone mode with the monitors connected.



External power button by separate remote line

If, because of space constraints (e.g. in case of fixed installation), the machine cannot be switched on by pressing the front power button, it can be powered on by a separate remote line. You will find an appropriate four-pin connector at the back panel of the SW580R8 (pitch 2.54 mm). Furthermore, this connector provides a Clear CMOS function and +5V DC voltage supply for external devices.

+5V voltage (2) (4) Power Button
Clear CMOS (1) (3) Ground

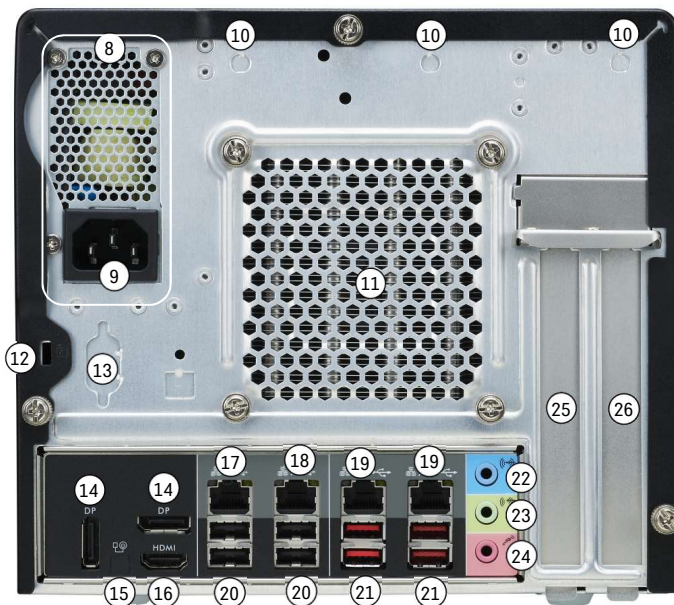
Front and Back Panel

Front panel



1. Hard disk LED indicator
2. Power LED indicator
3. Power button
4. 3x USB 3.2 Gen 1 Type-A port (5 Gbps)
5. Microphone input
6. Headphones output
7. USB 3.2 Gen 1 Type-C port (5 Gbps)

Back panel



8. Internal power supply unit (PSU)
9. AC power connector
10. 3x perforation for optional WLAN antenna
11. Heat-pipe cooling system
12. Hole for Kensington Lock
13. Perforation for optional COM port
14. DisplayPort 1.4
15. 4-pin connector (2.54 mm pitch) for external power button, Clear CMOS button and 5V DC voltage
16. HDMI 2.0b/1.4b
17. Gigabit LAN port (Intel i211)
18. Gigabit LAN port (Intel i219LM) supports Intel vPro/AMT
19. 2x 2.5G LAN port (Realtek 8125b)
20. 4x USB 2.0 port
21. 4x USB 3.2 Gen 2 Type-A port (10 Gbps)
22. Audio Line-in
23. Audio Line-out
24. Microphone input
25. PCI-Express X16 expansion slot
26. PCI-Express X4 expansion slot

Mainboard



- | | |
|------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1. 3x Audio Ports (Line-in / Line-out / Microphone) | 13. Connector for cooling fan (4-pin) |
| 2. 2x RJ45 2.5G LAN port and 4x USB 3.2 Gen 2 Type-A Port (10 Gbps) | 14. Intel H580 chipset with heat sink |
| 3. 2x RJ45 Gigabit LAN port and 4x USB 2.0 port | 15. CMOS battery |
| 4. HDMI 2.0b/1.4b port & DisplayPort 1.4 | 16. CPU voltage regulator area |
| 5. 4-pin connector (2.54 mm pitch) for external power button, Clear CMOS button and 5V DC voltage | 17. M.2-2230E slot for WLAN card |
| 6. DisplayPort 1.4 | 18. M.2-2280M slot for SSD card |
| 7. Front audio header | 19. M.2-2280M slot for SSD card |
| 8. Debug header (reserved) | 20. 4x SATA v3.0 connector |
| 9. Onboard USB 2.0 connector (4-pin) | 21. LGA1200 processor socket |
| 10. PCI-Express X4 expansion slot | 22. 4x DIMM memory slot |
| 11. PCI-Express X16 expansion slot | 23. Connector for cooling fan (4-pin) |
| 12. Onboard RS232 COM port header (2x5-pin) | 24. Front USB 3.0 header |
| | 25. Front buttons / LEDs header |
| | 26. ATX power connector (20-pin) |
| | 27. ATX power connector (4-pin) |

Shuttle Product Comparison: SH3xx versus SH5xx

The differences in the newer SH5xx series are marked in **red**.

| MODEL | SH310R4V2 | SH370R6V2 PLUS | SH370R8 | SH510R4 | SH570R6 PLUS | SH570R8 | SW580R8 |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|-------------------------------------------|
| CHASSIS | R4 chassis customisable front plate | R6 chassis with front doors for I/O ports | R8 chassis supports four 3.5" hard disks | R4 chassis customisable front plate | R6 chassis with front doors for I/O ports | R8 chassis supports four 3.5" hard disks | R8 chassis supports four 3.5" hard disks |
| PROCESSOR SUPPORT | Socket LGA1151v2, TDP max. 95 W Code name "Coffee Lake-S" 14 nm – Gen 8 and 9 Supports Celeron, Pentium Gold, Core i3 / i5 / i7 / i9 | | | Socket LGA1200, TDP max. 125 W Code name "Comet/Rocket Lake-S" 14 nm – Gen 10/11 Supports Celeron, Pentium Gold, Core i3 / i5 / i7 / i9 | | | |
| XEON SUPPORT | – | – | – | – | – | – | Xeon W-Series |
| CPU COOLING | 3 heat-pipes | 3 heat-pipes | 3 heat-pipes | 4 heat-pipes | 4 heat-pipes | 4 heat-pipes | 4 heat-pipes |
| CHIPSET | Intel H310 | Intel H370 | Intel H370 | Intel H510 | Intel H570 | Intel H570 | Intel W580 |
| Intel vPRO/AMT | – | – | – | – | – | – | Supported |
| TPM 2.0 | Firmware | Firmware | Firmware | Firmware | Firmware | Firmware | Hardware-Chip |
| OS SUPPORT | Windows 10/11 and Linux (64-bit) | | | Windows 10/11 and Linux (64-bit) | | | |
| DRIVE BAYS | 1x 5.25" 2x 3.5" | 1x 5.25" 2x 3.5" (1x open) | 4x 3.5" | 1x 5.25" 2x 3.5" | 1x 5.25" 2x 3.5" (1x open) | 4x 3.5" | 4x 3.5" |
| SATA PORTS | 3 | 4 | 4 | 3 | 4 | 4 | 4 |
| PCI-E SLOTS | PCIe X16 v3.0 PCIe X1 V2.0 | PCIe X16 v3.0 PCIe X4 V3.0 | PCIe X16 v3.0 PCIe X4 V3.0 | PCIe X16 v4.0 PCIe X1 V2.0 | PCIe X16 v4.0 PCIe X4 V3.0 | PCIe X16 v4.0 PCIe X4 V3.0 | PCIe X16 v4.0 PCIe X4 V3.0 |
| MAX. RAM SUPPORT | 2x 16 GB DDR4-2933 | 4x 32 GB DDR4-2933 | 4x 32 GB DDR4-2933 | 2x 32 GB DDR4-3200 [*] | 4x 32 GB DDR4-3200 [*] | 4x 32 GB DDR4-3200 [*] | 4x 32 GB DDR4-3200 [*] Supports ECC |
| GRAPHICS PORTS | HDMI 2.0a DP 1.2, VGA | HDMI 2.0a 2x DP 1.2 | HDMI 2.0a 2x DP 1.2 | HDMI 2.0b [*] DP 1.4, VGA | HDMI 2.0b [*] 2x DP 1.4 | HDMI 2.0b [*] 2x DP 1.4 | HDMI 2.0b [*] 2x DP 1.4 |
| M.2 SSD SLOT | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| WLAN SLOT | M.2-2230E | | | M.2-2230E | | | |
| BUTTONS / LEADS | Power-Button, Power LED, HDD LED | | | Power-Button, Power LED, HDD LED | | | |
| USB 3.2 GEN 2 | – | 4 | 4 | – | 4 | 4 | 4 |
| USB 3.2 GEN 1 | 4 | 4 | 4 | 4 | 4 (1x Type-C) | 4 (1x Type-C) | 4 (1x Type-C) |
| USB 2.0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| USB 2.0 onboard | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| 1G NETWORK | 1x Intel i219LM | 2x Intel 211 | 2x Intel 211 | 1x Intel i219LM | 1x Intel i211 1x Intel i219LM | 1x Intel i211 1x Intel i219LM | 1x Intel i211 1x Intel i219LM |
| 2.5G NETWORK | – | – | – | – | – | – | 2x RTL 8125b |
| AUDIO | Mic-Input, Headphone Output and 6-channel Line-Out | | | Mic-Input, Headphone Output and 6-channel Line-Out | | | |
| OPTIONAL ACCESSORIES | WLAN Kit: WLN-M (ac) / WLN-M1 (ax) COM-Port: H-RS232 3.5"/2.5" Adapter: PHD3 | | | WLAN Kit: WLN-M (ac) / WLN-M1 (ax) COM-Port: H-RS232 3.5"/2.5" Adapter: PHD3 Cable for ext. power button: CXP01 850W-power supply: PC850 | | | |
| POWER SUPPLY | 300W 80+ Bronze | 300W Plus: 500W | 500 W 80+ Gold | 300W 80+ Bronze | 300W Plus: 500W | 500 W 80+ Gold | 500 W 80+ Gold |

[*] Note: SH5xx-Series supports PCIe X16 V4 slot, DDR4-3200 and HDMI 2.0b with Gen. 11 Processors "Rocket Lake", but only PCIe X16 V3 slot, DDR4-2666/2933 and HDMI 1.4b with Gen. 10 Processors "Comet Lake".

SHUTTLE XPC CUBE BAREBONE SW580R8 — SPECIFICATIONS

| | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CHASSIS | <p>Black aluminium chassis Front panel: brushed aluminium Front door for I/O ports (USB and Audio) Kensington Security Slot at the backpanel (also called K-Slot or Kensington lock) as a part of an anti-theft system Dimensions: 33.2 x 21,5 x 19.0 cm (LWH without feet) = 13.6 litre Height with rubber feet: 19.7 cm Weight: 3.5 kg net / 4.5 kg gross</p> |
| MAINBOARD / CHIPSET | <p>Mainboard with Shuttle form factor, proprietary design for XPC SW570R8 Chipset/Southbridge: Intel® W580 Passive chipset cooling with heat sink The Northbridge is integrated in the processor. Solid Capacitors for sensitive areas provide excellent heat resistance for enhanced system durability</p> |
| BIOS | <p>AMI BIOS, SPI Interface, 16 MB Flash-EEPROM Supports Hardware Monitoring, Watch Dog Supports Power Fail Resume Supports boot up from external USB flash memory Supports Unified Extensible Firmware Interface (UEFI)</p> |
| SUPPORTS INTEL® vPro™ AND AMT | <p>Intel® vPro™ is a brand name for a specific set of management and security technologies. Intel® Active Management Technology (AMT) is a subset of Intel vPro. This technology allows remote management of PCs, even in power-off mode or with non-functional operating systems. You can audit, repair and restore AMT-based platforms in a LAN. These functions can increase the uptime of desktops with lower maintenance costs. <u>Note:</u> Intel vPro requires appropriate software and processors. The Intel® MEBX configuration user interface can be accessed after pressing CTRL-P at the beginning of the boot process. Only Intel Xeon or certain Core i5/i7/i9 processors support the Intel vPro® feature. Only the Intel i219 network chip supports the Intel vPro® function. Use the second LAN port from the left for this purpose.</p> |
| TPM MODULE | <p>Hardware Trusted Platform Module (Infineon SLB9670VQ2, TPM 2.0)</p> |
| POWER SUPPLY | <p>Built-in 500 Watt mini switching power supply [4] AC input voltage: 100~240V, 50~60 Hz 80 PLUS Gold compliant Active PFC circuit (Power Factor Correction) ATX main power connectors: 2x10 and 2x2-pin Graphics power connector: 6-pin and 8-pin Other connectors: 4x SATA, 2x Molex</p> |
| OPERATING SYSTEM | <p>This system comes without operating system. It is compatible with Windows 10/11 (64-bit) and Linux (64-bit)</p> |
| PROCESSOR SUPPORT | <p>Processor Socket LGA 1200 Supports Intel Core i9 / i7 / i5 / i3, Pentium Gold and Celeron processors Supports Intel Xeon W series processors (W12xx and W13xx series) Supports the 10th and 11th generation Intel Core processors, code name "Comet Lake" and "Rocket Lake" in 14++ nm process technology Maximum supported processor power consumption (TDP) = 125 W Up to 10 CPU cores, 20 threads and 20 MB of L3 cache Does not support the unlock-function of Intel K-Series processors. The processor integrates PCI-Express, memory controller and the graphics engine on the same die. However, processors with "F" identifier do not support integrated graphics [2] (performance features depending on processor type) Please refer to the support list for detailed processor support information at global.shuttle.com.</p> |
| HEAT-PIPE COOLING | <p>Shuttle I.C.E. (Integrated Cooling Engine) advanced I.C.E. heatpipe technology, linear-controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow</p> |

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEMORY SUPPORT | <p>4x 288-pin slot Supports DDR4 memory at 1.2V Supports Dual Channel mode Supports max. 32 GB per DIMM, maximum total size of 128 GB The <u>maximum DDR4 clock frequency</u> depends on the processor type used: - Gen. 11 "Rocket Lake" supports DDR4-3200 (PC4-25600U) - Gen. 10 "Comet Lake" Core i7/i9 supports DDR4-2933 (PC4-23433U) - other Gen. 10 "Comet Lake" support DDR4-2666 (PC4-21300U) Supports unbuffered ECC memory in conjunction with Xeon processors</p> |
| PCI-E EXPANSION SLOTS | <p>1x PCI-Express x16 v4.0 slot (supports PCI-Express v3.0 with Gen. 10 "Comet Lake" processors) 1x PCI-Express x4 v3.0 slot, open-ended Supports dual-slot (double-width) graphics cards (occupies the second PCI-Express slot) The maximum size acceptable for display cards is 280 x 120 x 40 mm. Graphics power connector: 6-pin and 8-pin [4]</p> |
| INTEGRATED GRAPHICS (OPTIONAL [2]) | <p>The features of the integrated Intel UHD graphics function depend on the processor type used. Certain processor models do not support integrated graphics [2] The PC features three video outputs which support 2160p/60 UHD resolution: - 1x HDMI v2.0b (only HDMI v1.4b with Gen. 10 "Comet Lake" Prozessoren) - 2x DisplayPort v1.4 Supports displays with 4K Ultra HD resolution at 3840 x 2160 (2160p/60) Supports three independent displays with the integrated graphics function Supports more displays in combination with a discrete graphics card Hardware video decoding/encoding DisplayPort and HDMI support multi-channel digital audio over the same cable</p> |
| DRIVE BAYS | <p>Storage bays: 4x 3.5" (internal) Using the optional accessory PHD3 two 2.5" drives can be installed into one 3.5" bay.</p> |
| SATA CONNECTORS | <p>4x Serial ATA 6G connector onboard (rev. 3.0, max. 6 Gbit/s) Supports Intel Rapid Storage Technology (RST) with RAID 0/1/5/10, JBOD)</p> |
| TWO M.2-2280M SSD SLOTS | <p>Provides two internal M.2 2280 M slots für M.2 SSD cards <u>Slot 1</u>: supports PCIe Gen. 4.0 X4 with NVMe or SATA v3.0 (supports only SATA v3.0 with Gen. 10 "Comet Lake-S CPU) <u>Slot 2</u>: supports PCIe Gen. 3.0 X4 with NVMe or SATA v3.0 It supports M.2 cards with a width of 22 mm and a length of 42, 60 or 80 mm (type 2242, 2260, 2280).</p> |
| M.2-2230E SLOT FOR WLAN CARDS | <p>Interfaces: PCI-Express Gen. 3.0 X1 und 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 Shuttle accessory: WLN-M)</p> |
| HD AUDIO | <p>Audio Codec: Realtek ALC897, 5.1 channel Three analog audio connectors (3.5 mm) on the backpanel: Line-in (blue), line-out (green) and microphone input (pink) shared with 5.1 channel line-out (front, rear, center/bass) Front panel: microphone input and head phone output (line-out)</p> |
| FOUR NETWORK PORTS | <p>Supports four RJ45 LAN ports for Ethernet networking <u>Port 1+2</u>: Intel 211 / 219LM - supports 10 / 100 / 1.000 Mbps data transfer rate (the LED lights green/orange at 100M/1G speed) <u>Port 3+4</u>: Realtek 8125b - supports 10 / 100 / 1.000 / 2.500 Mbps data transfer rate (the LED lights green/orange at 1G/2.5G speed) Supports WAKE ON LAN (WOL) Supports network boot by Preboot eXecution Environment (PXE) Teaming mode is possible for port 1+2 and port 3+4 respectively [3]</p> |
| FRONT PANEL CONNECTORS | <p>Microphone input (3.5 mm) Headphones output (3.5 mm) 1x USB 3.2 Gen 1 (5 Gbps), Type C 3x USB 3.2 Gen 1 (5 Gbps), Type A, blue Power button Power indicator (Blue LED) Hard disk drive indicator (Yellow LED)</p> |

| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BACK PANEL CONNECTORS | <p>1x HDMI 2.0b (HDMI 1.4b with Gen. 10 "Comet Lake" processor)</p> <p>2x DisplayPort 1.4 [1]</p> <p>4x USB 3.2 Gen 2 (10 Gbps), Type A, red</p> <p>4x USB 2.0 (Type A, black)</p> <p>2x Gigabit LAN (RJ45)</p> <p>2x 2.5G LAN (RJ45)</p> <p>Audio Line-out (3.5 mm)</p> <p>Audio Line-in (3.5 mm)</p> <p>Microphone Input (3.5 mm)</p> <p>1x 4-pin connector (2.54 mm pitch) supports:</p> <ul style="list-style-type: none"> - external power on button - Clear CMOS function - +5V DC voltage for external components <p>Optional: Serial RS232 port (Accessory: "H-RS232")</p> <p>3x perforation for optional WLAN antennas (Accessory: "WLN-M")</p> |
| OTHER ONBOARD CONNECTORS | <p>Occupied front panel connectors for USB, audio, buttons, LEDs</p> <p>1x RS232 serial interface (2x5 pin header)</p> <p>2x fan connectors (4-pin header)</p> <p>1x USB 2.0 (4-pin header)</p> |
| SUPPLIED ACCESSORIES | <p>Multi-language XPC Installation Guide (EN, DE, FR, ES, JP, KR, SC, TC)</p> <p>Windows 64-bit driver disk</p> <p>2x Serial ATA cables</p> <p>AC Power Cord (with protective-earth contacts)</p> <p>Heatsink Compound</p> <p>Protector cap for the CPU socket (do not use if heatpipe or fan is mounted)</p> <p>Bag with screws</p> |
| OPTIONAL ACCESSORIES | <p>Back panel adapter for serial RS232 port (H-RS232)</p> <p>WLAN kit supports WLAN and Bluetooth with two external antennas (WLN-M (802.11ac) and WLN-M1 (802.11ax))</p> <p>Adapter for 2.5" drives such as SSDs (PHD3)</p> <p>Adapter cable for external power button (CXP01)</p> <p>850W power supply (PC850)</p> |
| ENVIRONMENTAL SPECIFICATIONS | <p>Permissible ambient temperature during operation: 0~40 °C</p> <p>Relative humidity: 10~90 %.</p> |
| CERTIFICATIONS / COMPLIANCE | <p>EMI: FCC, CE, BSMI, C-Tick</p> <p>Safety: ETL, CB, BSMI</p> <p>Other: RoHS, Energy Star 5.0, ErP</p> <p>This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office.</p> <p>The CE-mark approves the conformity by the EU directives:</p> <ol style="list-style-type: none"> (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 ecodesign requirements for energy-related products (ErP). |

[1] How to convert DisplayPort to HDMI/DVI

The DisplayPort output can be converted to HDMI or DVI by an additional, passive adapter cable. For example:

DELOCK 82590: 1 m, DisplayPort (male, 20p) to HDMI-A (male, 19p)

DELOCK 82435: 5 m, DisplayPort (male, 20p) to DVI-D (male, 24p)

The integrated graphics automatically detects the connected display and puts out 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.

[2] Integrated graphics is optional

Processors with model numbers ending with "F" (z.B. Intel Core i5-11600F) do not support integrated graphics, so that the graphics outputs of the Shuttle XPC have no function. In this case, an additional discrete PCIe graphics card is mandatory.

[3] 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.

[4] Online Power Calculator

The PCI Express x16 slot provides a maximum of 75 Watts to the graphics card, plus 75 Watts and 150 Watts from the 6-pin and 8-pin connector of the power supply - so the power consumption of the graphics card must not exceed 300 watts. The processor may have a maximum TDP of 125 Watts. If powerful PC components are used, then check with the "Power Supply Calculator" whether the built-in 500 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>.

10TH GENERATION INTEL CORE DESKTOP PROCESSOR FAMILY

Socket LGA1200 14 nm "Comet Lake S" and "Comet Lake Refresh" processor overview (Date: November 2021)

| PROCESSOR | MODEL | CORES/ THREADS | CPU CLOCK | TURBO BOOST CLOCK (2.0) | SMART CACHE | TDP | MEMORY SUPPORT | vPRO/AMT SUPPORT | GRAPHICS ENGINE |
|------------------|----------------|-------------------|--------------|----------------------------|----------------|-----------|-------------------|---------------------|--------------------|
| Core™ i9 | 10900K | 10/20 | 3.7 GHz | 5.1 GHz | 20 MB | 125 W | DDR4-2933 | - | UHD 630 (1.2 GHz) |
| | 10900KF | 10/20 | 3.7 GHz | 5.1 GHz | 20 MB | 125 W | DDR4-2933 | - | None |
| | 10900 | 10/20 | 2.8 GHz | 5.0 GHz | 20 MB | 65 W | DDR4-2933 | - | UHD 630 (1.2 GHz) |
| | 10900F | 10/20 | 2.8 GHz | 5.0 GHz | 20 MB | 65 W | DDR4-2933 | - | None |
| | 10900T | 10/20 | 1.9 GHz | 4.5 GHz | 20 MB | 35 W | DDR4-2933 | - | UHD 630 (1.2 GHz) |
| | 10850K | 10/20 | 3.6 GHz | 5.0 GHz | 20 MB | 125 W | DDR4-2933 | - | UHD 630 (1.2 GHz) |
| Core™ i7 | 10700K | 8/16 | 3.8 GHz | 5.0 GHz | 16 MB | 125 W | DDR4-2933 | Yes | UHD 630 (1.2 GHz) |
| | 10700KF | 8/16 | 3.8 GHz | 5.0 GHz | 16 MB | 125 W | DDR4-2933 | - | None |
| | 10700 | 8/16 | 2.9 GHz | 4.7 GHz | 16 MB | 65 W | DDR4-2933 | Yes | UHD 630 (1.2 GHz) |
| | 10700F | 8/16 | 2.9 GHz | 4.7 GHz | 16 MB | 65 W | DDR4-2933 | - | None |
| | 10700T | 8/16 | 2.0 GHz | 4.4 GHz | 16 MB | 35 W | DDR4-2933 | Yes | UHD 630 (1.2 GHz) |
| Core™ i5 | 10600K | 6/12 | 4.1 GHz | 4.8 GHz | 12 MB | 125 W | DDR4-2666 | Yes | UHD 630 (1.2 GHz) |
| | 10600KF | 6/12 | 4.1 GHz | 4.8 GHz | 12 MB | 125 W | DDR4-2666 | Yes | None |
| | 10600 | 6/12 | 3.3 GHz | 4.8 GHz | 12 MB | 65 W | DDR4-2666 | - | UHD 630 (1.2 GHz) |
| | 10600T | 6/12 | 2.4 GHz | 4.0 GHz | 12 MB | 35 W | DDR4-2666 | Yes | UHD 630 (1.2 GHz) |
| | 10505 | 6/12 | 3.2 GHz | 4.6 GHz | 12 MB | 65 W | DDR4-2666 | Yes | UHD 630 (1.2 GHz) |
| | 10500 | 6/12 | 3.1 GHz | 4.5 GHz | 12 MB | 65 W | DDR4-2666 | Yes | UHD 630 (1.15 GHz) |
| | 10500T | 6/12 | 2.3 GHz | 3.8 GHz | 12 MB | 35 W | DDR4-2666 | Yes | UHD 630 (1.1 GHz) |
| | 10400 | 6/12 | 2.9 GHz | 4.3 GHz | 12 MB | 65 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10400F | 6/12 | 2.9 GHz | 4.3 GHz | 12 MB | 65 W | DDR4-2666 | - | None |
| | 10400T | 6/12 | 2.0 GHz | 3.6 GHz | 12 MB | 35 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| Core™ i3 | 10325 | 4/8 | 3.9 GHz | 4.7 GHz | 8 MB | 65 W | DDR4-2666 | - | UHD 630 (1.15 GHz) |
| | 10320 | 4/8 | 3.8 GHz | 4.6 GHz | 8 MB | 65 W | DDR4-2666 | - | UHD 630 (1.15 GHz) |
| | 10305 | 4/8 | 3.8 GHz | 4.5 GHz | 8 MB | 65 W | DDR4-2666 | - | UHD 630 (1.15 GHz) |
| | 10305T | 4/8 | 3.8 GHz | 4.5 GHz | 8 MB | 65 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10300 | 4/8 | 3.7 GHz | 4.4 GHz | 8 MB | 65 W | DDR4-2666 | - | UHD 630 (1.15 GHz) |
| | 10300T | 4/8 | 3.0 GHz | 3.9 GHz | 8 MB | 35 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10105F | 4/8 | 3.7 GHz | 4.4 GHz | 6 MB | 65 W | DDR4-2666 | - | None |
| | 10105 | 4/8 | 3.7 GHz | 4.4 GHz | 6 MB | 65 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10105T | 4/8 | 3.0 GHz | 3.9 GHz | 6 MB | 35 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10100 | 4/8 | 3.6 GHz | 4.3 GHz | 6 MB | 65 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | 10100F | 4/8 | 3.6 GHz | 4.3 GHz | 6 MB | 65 W | DDR4-2666 | - | None |
| 10100T | 4/8 | 3.0 GHz | 3.8 GHz | 6 MB | 35 W | DDR4-2666 | - | UHD 630 (1.1 GHz) | |
| Pentium® Gold | G6605 | 2/4 | 4.3 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | G6600 | 2/4 | 4.2 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | G6505 | 2/4 | 4.2 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | G6500 | 2/4 | 4.1 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 630 (1.1 GHz) |
| | G6500T | 2/4 | 3.5 GHz | - | 4 MB | 35 W | DDR4-2666 | - | UHD 630 (1.05 GHz) |
| | G6405 | 2/4 | 4.1 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G6405T | 2/4 | 3.5 GHz | - | 4 MB | 35 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G6400 | 2/4 | 4.0 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| G6400T | 2/4 | 3.4 GHz | - | 4 MB | 35 W | DDR4-2666 | - | UHD 610 (1.05 GHz) | |

| PROCESSOR | MODEL | CORES/ THREADS | CPU CLOCK | TURBO BOOST CLOCK (2.0) | SMART CACHE | TDP | MEMORY SUPPORT | vPRO/AMT SUPPORT | GRAPHICS ENGINE |
|-----------|--------|----------------|-----------|-------------------------|-------------|------|----------------|------------------|--------------------|
| Celeron® | G5925 | 2/2 | 3.6 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G5920 | 2/2 | 3.5 GHz | - | 2 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G5905 | 2/2 | 3.5 GHz | - | 4 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G5905T | 2/2 | 3.3 GHz | - | 4 MB | 35 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G5900 | 2/2 | 3.4 GHz | - | 2 MB | 58 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |
| | G5900T | 2/2 | 3.2 GHz | - | 2 MB | 35 W | DDR4-2666 | - | UHD 610 (1.05 GHz) |

K = unlocked, T = Power optimized lifestyle, F = without integrated graphics, TDP = Thermal Design Power (max. Power Consumption).

Note: The Shuttle XPC cube Barebone SW580R8 does not support the Unlock-function of Intel K-Series processors.

Intel processors without integrated graphics can be identified by their model name ending on "F". When using this CPU, a graphics card is required. Please refer to the support list for detailed processor support information at global.shuttle.com.

11TH GENERATION INTEL CORE DESKTOP PROCESSOR FAMILY

Socket LGA1200 14 nm "Rocket Lake S" processor overview (Date: November 2021)

| PROCESSOR | MODEL | CORES/ THREADS | CPU CLOCK | TURBO BOOST CLOCK (2.0) | SMART CACHE | TDP | MEMORY SUPPORT | vPRO/AMT SUPPORT | GRAPHICS ENGINE MAX. CLOCK |
|-----------|---------|----------------|-----------|-------------------------|-------------|-------|----------------|------------------|----------------------------|
| Core™ i9 | 11900K | 8/16 | 3.5 GHz | 5.3 GHz | 16 MB | 125 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11900KF | 8/16 | 3.5 GHz | 5.3 GHz | 16 MB | 125 W | DDR4-3200 | - | None |
| | 11900 | 8/16 | 2.5 GHz | 5.2 GHz | 16 MB | 65 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11900F | 8/16 | 2.5 GHz | 5.2 GHz | 16 MB | 65 W | DDR4-3200 | - | None |
| | 11900T | 8/16 | 1.5 GHz | 4.9 GHz | 16 MB | 35 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| Core™ i7 | 11700K | 8/16 | 3.6 GHz | 5.0 GHz | 16 MB | 125 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11700KF | 8/16 | 3.6 GHz | 5.0 GHz | 16 MB | 125 W | DDR4-3200 | - | None |
| | 11700 | 8/16 | 2.5 GHz | 4.9 GHz | 16 MB | 65 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11700F | 8/16 | 2.5 GHz | 4.9 GHz | 16 MB | 65 W | DDR4-3200 | - | None |
| | 11700T | 8/16 | 1.4 GHz | 4.6 GHz | 16 MB | 35 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| Core™ i5 | 11600K | 6/12 | 3.9 GHz | 4.9 GHz | 12 MB | 125 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11600KF | 6/12 | 3.9 GHz | 4.9 GHz | 12 MB | 125 W | DDR4-3200 | - | None |
| | 11600 | 6/12 | 2.8 GHz | 4.8 GHz | 12 MB | 65 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11600T | 6/12 | 1.7 GHz | 4.1 GHz | 12 MB | 35 W | DDR4-3200 | - | UHD 750 (1.3 GHz) |
| | 11500K | 6/12 | 3.9 GHz | 4.9 GHz | 12 MB | 95 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11500 | 6/12 | 2.7 GHz | 4.6 GHz | 12 MB | 65 W | DDR4-3200 | Yes | UHD 750 (1.3 GHz) |
| | 11500T | 6/12 | 1.5 GHz | 3.9 GHz | 12 MB | 35 W | DDR4-3200 | Yes | UHD 750 (1.2 GHz) |
| | 11400 | 6/12 | 2.6 GHz | 4.4 GHz | 12 MB | 65 W | DDR4-3200 | - | UHD 730 (1.3 GHz) |
| | 11400F | 6/12 | 2.6 GHz | 4.4 GHz | 12 MB | 65 W | DDR4-3200 | - | None |
| | 11400T | 6/12 | 1.3 GHz | 3.7 GHz | 12 MB | 35 W | DDR4-3200 | - | UHD 730 (1.2 GHz) |

K = unlocked, T = Power optimized lifestyle, F = without integrated graphics, TDP = Thermal Design Power (max. Power Consumption).

Note: The Shuttle XPC cube Barebone SW580R8 does not support the Unlock-function of Intel K-Series processors.

Intel processors without integrated graphics can be identified by their model name ending on "F". When using this CPU, a graphics card is required. Please refer to the support list for detailed processor support information at global.shuttle.com.

10TH GENERATION INTEL XEON W-SERIES PROCESSOR FAMILY

Socket LGA1200 14 nm "Comet Lake" processor overview (Date: November 2021)

| PROCESSOR | MODEL | CORES/ THREADS | CPU CLOCK | TURBO BOOST CLOCK (2.0) | SMART CACHE | TDP | MEMORY SUPPORT | vPRO/AMT SUPPORT | GRAPHICS ENGINE MAX. CLOCK |
|-----------|----------|-------------------|--------------|----------------------------|----------------|-------|-------------------|---------------------|-------------------------------|
| Xeon® | W-1290TE | 10 | 1.8 GHz | 4.5 GHz | 20 MB | 35 W | DDR4-2933 ECC | Yes | HD 630 (1.2 GHz) |
| | W-1290P | 10 | 3.7 GHz | 5.3 GHz | 20 MB | 125 W | DDR4-2933 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1290 | 10 | 3.2 GHz | 5.2 GHz | 20 MB | 80 W | DDR4-2933 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1290T | 10 | 1.9 GHz | 4.7 GHz | 20 MB | 35 W | DDR4-2666 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1290E | 10 | 3.5 GHz | 4.8 GHz | 20 MB | 95 W | DDR4-2933 ECC | Yes | HD 630 (1.2 GHz) |
| | W-1270 | 8 | 3.4 GHz | 5.0 GHz | 16 MB | 80 W | DDR4-2933 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1270P | 8 | 3.8 GHz | 5.1 GHz | 16 MB | 125 W | DDR4-2933 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1270E | 8 | 3.4 GHz | 4.8 GHz | 16 MB | 80 W | DDR4-2933 ECC | Yes | HD 630 (1.2 GHz) |
| | W-1270TE | 8 | 2.0 GHz | 4.4 GHz | 16 MB | 35 W | DDR4-2933 ECC | Yes | HD 630 (1.15 GHz) |
| | W-1250 | 6 | 3.3 GHz | 4.7 GHz | 12 MB | 80 W | DDR4-2666 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1250P | 6 | 4.1 GHz | 4.8 GHz | 12 MB | 125 W | DDR4-2666 ECC | Yes | HD P630 (1.2 GHz) |
| | W-1250E | 6 | 3.5 GHz | 4.7 GHz | 12 MB | 80 W | DDR4-2666 ECC | Yes | HD 630 (1.2 GHz) |
| | W-1250TE | 6 | 2.4 GHz | 3.8 GHz | 12 MB | 35 W | DDR4-2666 ECC | Yes | HD 630 (1.15 GHz) |

11TH GENERATION INTEL XEON W-SERIES PROCESSOR FAMILY

Socket LGA1200 14 nm "Rocket Lake" processor overview (Date: November 2021)

| PROCESSOR | MODEL | CORES/ THREADS | CPU CLOCK | TURBO BOOST CLOCK (2.0) | SMART CACHE | TDP | MEMORY SUPPORT | vPRO/AMT SUPPORT | GRAPHICS ENGINE MAX. CLOCK |
|-----------|---------|-------------------|--------------|----------------------------|----------------|-------|-------------------|---------------------|-------------------------------|
| Xeon® | W-1390P | 8 | 3.5 GHz | 5.3 GHz | 16 MB | 125 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1390T | 8 | 1.5 GHz | 4.9 GHz | 16 MB | 35 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1390 | 8 | 2.8 GHz | 5.2 GHz | 16 MB | 80 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1370 | 8 | 2.9 GHz | 5.1 GHz | 16 MB | 80 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1370P | 8 | 3.6 GHz | 5.2 GHz | 16 MB | 125 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1350P | 6 | 4.0 GHz | 5.1 GHz | 12 MB | 125 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |
| | W-1350 | 6 | 3.3 GHz | 5.0 GHz | 12 MB | 80 W | DDR4-3200 ECC | Yes | UHD P750 (1.3 GHz) |

Please refer to the support list for detailed processor support information at global.shuttle.com.