

Ideal Mini-PC for the more demanding home user

The revolutionary Intel Core i3 / i5 processors with high computing power and relatively low power consumption are outstandingly suitable for Mini-PCs. With the XPC J2 5500H, Shuttle's product range now includes a model for this processor platform. Despite its compact dimensions it still manages to find space for an optional graphics card, up to 16GB DDR3 memory, HDMI interface, Gigabit LAN, 8-channel audio with S/PDIF out and an array of interfaces. With an 80-PLUS-certified 300W power supply and effective Heatpipe cooling system, the J2 5500H keeps cool under the toughest conditions. It's sleek, stylish, compact, and high performing – a status symbol that sits atop the desk.

Shuttle XPC J2 5500H



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Feature Highlight

Category	<ul style="list-style-type: none"> Home-Media
Shuttle XPC	<ul style="list-style-type: none"> Based on Shuttle XPC Barebone SH55J2 Chipset: Intel H55
OS	<ul style="list-style-type: none"> Windows 7 or Windows XP Downgrade (several versions and languages available)
Processor	<ul style="list-style-type: none"> Intel Core i3 or i5 (Socket 1156)
Memory	<ul style="list-style-type: none"> Up to 16 GB DDR3-1066/1333
Integrated graphics	<ul style="list-style-type: none"> Integrated Intel® HD Graphics engine HDMI, VGA, 768MB UMA, DX 10, Shader 4
Optional graphics card	<ul style="list-style-type: none"> PCIe x16 Grafikkarte ATI or NVIDIA (The integrated graphics function cannot be used at the same time)
Audio	<ul style="list-style-type: none"> 7.1 channel audio with S/PDIF out
LAN	<ul style="list-style-type: none"> Gigabit Ethernet LAN
Drives	<ul style="list-style-type: none"> Optical drive: DVD combo or DVD writer Serial ATA II hard disk up to 2000GB Optional with second hard disk drive Integrated 4-in-1 card reader
Warranty	<ul style="list-style-type: none"> 24 months Pick-up and Return Service
Further configuration options	<ul style="list-style-type: none"> It is possible to modify certain components of this configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website sys.eu.shuttle.com

Picture for illustration purposes only.

Shuttle XPC J2 5500H Specifications (configurable)

<i>Range of application</i>	Recommended range of application: Home-Media
<i>Basis</i>	System based on: the Shuttle XPC Barebone SH55J2
<i>Operating system</i>	Windows 7 Home Premium 64 Bit Windows 7 Professional 64 Bit Windows 7 Professional 64 Bit & Windows XP Professional Downgrade 9 languages available: German, English, French, Dutch, Italian, Spanish, Swedish, Finnish, Danish
<i>Chassis</i>	J2-type chassis, color: black Case cover made of aluminum, body made of steel storage bays: 1 x 5.25" (external), 2 x 3.5" (internal) Front door for I/O ports / card reader and optical drive Kensington Security Slot at the back panel (also called a K-Slot or Kensington lock) as a part of an anti-theft system Dimensions: 33 x 21,5 x 19 cm (LWH), 13.5 litres Chipset
<i>Chipset</i>	Chipset: Intel® H55 Express Platform Controller Hub (PCH) as Single-Chip-Solution
<i>BIOS</i>	AMI BIOS, SPI Interface, 16MBit Flash-ROM Supports PnP, ACPI 3.0 Supports boot up from external USB flash memory
<i>Processor</i>	Intel Core i3 or i5 desktop processor (Socket 1156) The Processor integrates PCI-Express, memory controller and the graphics engine.
<i>CPU Cooling</i>	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
<i>Memory</i>	With up to 16GB DDR3-1066/1333 memory in dual channel mode
<i>Integrated Graphics</i>	The Intel Core i3/i5 32nm Clarkdale processor integrates the Intel® HD Graphics engine with Flexible Display Interface (FDI) Resolution max. 1920 x 1200 (supports 720p, 1080i und 1080p) Shared Memory: up to 768MB Decodes MPEG-2, H.264 and VC-1 in hardware (supports Blu-ray) Supports DirectX 10, OpenGL 2.1, Shader Model 4.0 Supports Dual-Independent-Display via HDMI and VGA port *)

<i>Optional graphics card</i>	Optional with a PCI Express x16 graphics card from ATI or NVIDIA
<i>Hard disk</i>	Up to two Serial ATA hard disks with up to 2TB capacity each total capacity max. 4 TB
<i>Optical drive</i>	Optional with optical DVD or Blu-ray Combo/Writer drive
<i>Card reader</i>	4-in-1 card reader integrated in the front panel
<i>Slots</i>	1x PCI-Express v2.0 slot (for an optional graphics card only) 1x PCI 32 bit slot Supports Dual-slot (double-width) graphics cards - in this case the PCI slot will be occupied. If a discrete graphics card is used, the onboard graphics will be deactivated.
<i>8-ch Audio</i>	7.1 channel High Definition Audio with Realtek ALC888 codec Azalia standard support Analog: line-out (8-ch), line-in, microphone, AUX input (onboard) Digital: optical S/PDIF-out, also via HDMI output
<i>Giga LAN</i>	Realtek RTL 8111E Ethernet network controller PCI Express interface IEEE 802.3u 1000Base-T compliant Supports 10 / 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
<i>Front-panel I/O</i>	Microphone input Headphone output USB 2.0 eSATA / USB 2.0 combo port 4-in-1 Card Reader Power button Power indicator (white LED) Hard disk/Optical disk drive indicator (blue LED)
<i>Back-panel I/O</i>	HDMI (digital video out with digital audio) *) D-Sub VGA (analog video out) *) 4x USB 2.0 GigaBit LAN (RJ45) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Audio Line-in Digital Audio: optical S/PDIF output Clear CMOS button
<i>Power supply</i>	300 Watt mini PSU, AC input voltage: 100~240V 80 PLUS® certified (80% or greater energy-efficient) Active PFC circuit (Power Factor Correction)

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<p><i>Certifications Compliance</i></p>	<p>EMI: FCC, CE, BSMI, C-Tick Safety: ETL, CB, BSMI, TÜV Other: RoHS, Eup Lot6, Energy Star 5.0</p>
<p><i>Warranty</i></p>	<p>24 Months Pick-Up-And-Return Service</p>
<p><i>Further configuration options</i></p>	<p>It is possible to modify certain components of this basic configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website http://sys.eu.shuttle.com</p>

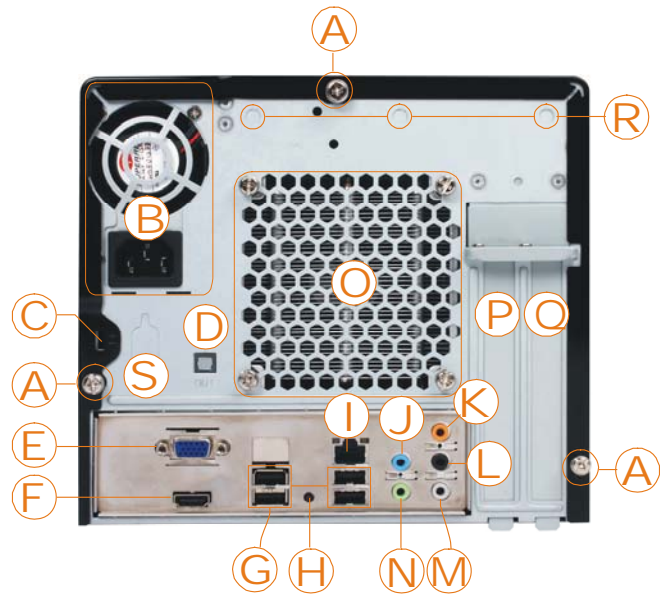
*) The video outputs (VGA and HDMI) cannot be used, if a PCI-Express graphics card is installed.

Shuttle XPC J2 5500H – Connectors and Components

Front Panel



Back Panel



- 1 Bay for optional optical drive
- 2 Eject button
- 3 Power switch, Power LED
- 4 4-in-1 card reader
- 5 USB 2.0 port
- 6 Microphone input
- 7 Headphone output
- 8 eSATA+USB combo port

- A Three thumbscrews
- B Power supply with fan and AC power socket
- C Hole for Kensington lock
- D S/PDIF output
- E VGA video port *)
- F HDMI video port *)
- G 4x USB 2.0 ports
- H Clear CMOS button
- I Gigabit LAN port (RJ45)

- J Audio Line-in
- K Audio Center/Bass
- L Audio Surround-Back
- M Audio Surround-Side
- N Audio Surround-Front
- O Heat pipe cooling fan
- P PCI-Express x16 slot for an optional graphics card
- Q PCI slot
- R Optional WLAN
- S Optional serial port

*) Remark:: the video outputs VGA (E) and HDMI (F) cannot be used, if a PCI-Express graphics card is installed.

Back Panel

Mainboard

