

# Shuttle®

# XPC Barebone

## SH61R4 V2

Cost Efficient &  
Remarkably Affordable



## HIGHLY EFFICIENT CUBE PC PLATFORM

For Cost-Conscious Users

The XPC Barebone SH61R4 V2 is based on Intel's H61 Express chipset for Intel Core processors with socket LGA1155 and features energy-efficient technologies and innovative functions like USB 3.0 for the office and home environment. It allows for up to three drives to be installed and can operate up to 16 GB of DDR3 memory at the same time. For expansions, one slot for PCI-E x16 (graphics cards), PCI-E x1 and mini PCI-E x1 (expansion cards) are available. The two digital monitor connectors on the rear can be controlled by the graphics function integrated in the Intel Core processors - without any add-on graphics card required in the PC\*. The front panel can be customized by adding custom design motif for uniqueness.

\* Integrated graphics dependent on processor type

## PRODUCT SPECIFICATIONS

R4 Chassis	<ul style="list-style-type: none"><li>• Black Aluminum Chassis (13.3 Liter)</li><li>• Bays: 1 x 5.25" External, 2 x 3.5" Internal</li></ul>
CPU	<ul style="list-style-type: none"><li>• Supports Socket 1155 Desktop CPUs</li><li>• Supports Intel Core i3/i5/i7/Celeron/Pentium (TDP ≤95W)</li><li>• 32nm Sandy Bridge &amp; 22nm Ivy Bridge</li><li>• Shuttle I.C.E Heat-Pipe Cooling System</li></ul>
Expansion Slots	<ul style="list-style-type: none"><li>• 1 x PCIe x 16 (v2.0) Supports Dual-Slot</li><li>• 1 x PCIe x 1 (v2.0), 1 x Mini-PCIe x 1 (v2.0)</li></ul>
Chipset	<ul style="list-style-type: none"><li>• Intel H61 Express</li></ul>
Optional: Integrated Graphics	<ul style="list-style-type: none"><li>• Intel HD Graphics Optionally Integrated in the Intel Core i3/i5/i7/Celeron/Pentium Processor</li><li>• Video-Output: 2 x DVI (DVI-I &amp; DVI-D)</li><li>• Supports HDCP, 1080p Full-HD</li></ul>
Memory	<ul style="list-style-type: none"><li>• Supports Max. 16 GB (2 x 8GB DIMM)</li></ul>
Driver Connectors	<ul style="list-style-type: none"><li>• 4 x SATA 3 GB/s</li><li>• With UEFI Bios – Supports Hard Disks &gt; 2.2TB</li></ul>
Other Connectors	<ul style="list-style-type: none"><li>• 5.1-Channel HD-Audio</li><li>• Gigabit LAN (RJ45)</li><li>• 2 x USB 3.0 (Back)</li><li>• 8 x USB 2.0 (Front &amp; Back)</li><li>• Optional: RS232 COM-Port (H-RS232)</li></ul>
Power Supply	<ul style="list-style-type: none"><li>• <b>300 Watt Mini Power Supply</b></li></ul>

# SPECIAL PRODUCT FEATURES



## Optional: Built-in Intel® HD Graphics Engine\*



The Intel GMA HD 3000 / 2000 graphics processor has been moved onto the same die as the CPU. It supports HDMI 1.4a standard with 3D stereoscopic playback, hardware encoding for H.264 and MPEG-2 video, full 1080p high-definition video playback - including Blu-ray, DirectX 10.1 and Shader 4.1. HD 2000 has 6 execution units (similar to shader/stream processors) while HD 3000 has 12; the latter is only available on the "K" series, though the i7's allow for a higher maximum dynamic graphics frequency. With all these improvements and changes to the architecture, this GPU is comparable to entry-level discrete graphics cards such as the AMD Radeon HD 5450.



## Customizable

The front of this XPC can easily be customized by simply changing the Mylar behind the acrylic front plate. Add your individual design such as a photo, graphics or a company logo to the front panel in just a few steps.



## Dual View Technology with Two Digital Video Ports \*

Dual View technology offers multiple display support on up to two separate monitors. This allows the spread of multiple windows across two monitors while working simultaneously to improve productivity. SH61R4 V2 features two digital DVI video outputs.

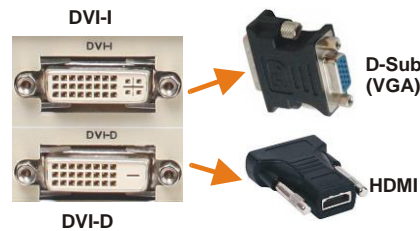


## SH61R4 V2 Supports 4 Displays in Combination w/ A Discrete Graphics Card \*

With Shuttle SH61R4 V2 the user can support 4 displays in combination with a discrete PCI-Express graphics card, when the initial display is connected to the integrated graphics. For this, you have to enter the BIOS Setup Utility by pressing the "Delete" key after power on the PC. In the "Advanced" BIOS menu please set "Initiate Graphic Adapter" to "On-board VGA". The Windows Device Manager will show the integrated graphics and the external discrete graphics card as well. Note, that the graphics performance is limited to the integrated graphics engine. This function is based on the Switchable Graphics feature of the 2nd Generation Intel® Core™ Processors with Intel® HD Graphics.

## Video Output Options\*

With optional adapters (not included) DVI-D devices can be connected to the HDMI port or VGA devices to the DVI-I port, respectively.



D-Sub (VGA) means the connector only outputs analog video signals.

DVI-D means the connector only outputs digital video signals.

DVI-I means digital & analog video signals are put out.

HDMI supports digital video plus multi-channel digital audio output.

\*NOTE: Certain processor models do not include the integrated graphics, e.g. Intel Core i5-2380P, Core i5-2450P & Core i5-2550K.