

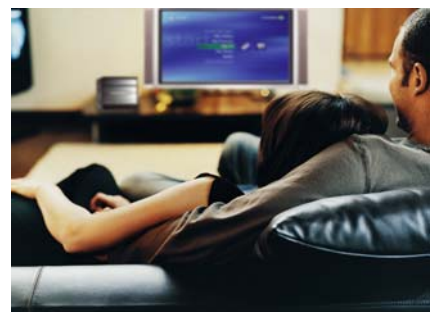
True-to-life Entertainment

At the heart of the Shuttle D'VO series the Shuttle XPC SG33G5M Deluxe is an entire home entertainment system in one compact chassis. Sit back and enjoy a complete entertainment experience with visually stunning HD video delivered through HDMI (HDCP) output and the finest cinematic surround sound effects delivered by Dolby® Digital Live! and DTS™ Connect functionality. In addition, it features fingerprint recognition as an added layer of security, Speed-Link technology which easily connects 2 PCs via USB, integrated Wireless LAN and Bluetooth transceivers, and the integrated VFD display for Windows Media Center.

XPC Barebone SG33G5M Deluxe



Digital
Visualize
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Feature Highlight

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|-------------------------|---|
| G5M chassis | <ul style="list-style-type: none"> Black mirror front face with golden accent, black aluminum chassis Bays: 1x 5.25", 2x 3.5" VFD Display & Remote Control – supports Windows Media Center |
| Deluxe Features | <ul style="list-style-type: none"> WLAN module, Bluetooth dongle, Fingerprint sensor, USB Speed-Link |
| CPU | <ul style="list-style-type: none"> Socket 775 Core 2 Duo/Quad, Pentium Dual-Core and Celeron 4xx Supports 1333, 1066 and 800MHz FSB Shuttle I.C.E. Heatpipe-cooling |
| Chipset | <ul style="list-style-type: none"> Intel G33 Express + ICH9DH Integrated GMA 3100 graphics HDMI+VGA connectors, DVI adapter Supports Dual Monitor Operating |
| Slots | <ul style="list-style-type: none"> 1x PCI-Express (x16), 1x PCI (32 Bit) |
| Memory | <ul style="list-style-type: none"> Supports 2x DDR2-667/800 Supports up to a total size of 4 GB |
| Drive connectors | <ul style="list-style-type: none"> 3x SATA (internal), 2x eSATA (external) 1x IDE ATA 100, 1x floppy |
| Other connectors | <ul style="list-style-type: none"> 8-channel HD audio, SPDIF out Dolby Digital Live! / DTS connect 2x Firewire, GigaBit LAN USB 2.0 (2x front, 4x rear, 4x onb.) |
| Power supply | <ul style="list-style-type: none"> Efficient 300 Watt mini power supply |
| Application | <ul style="list-style-type: none"> Media Center |



Shuttle XPC Barebone SG33G5M Deluxe – Special Product Features



Experience true-to-life entertainment

With Shuttle D'VO, your living room becomes an entire home theater! The Versatile Front-panel Display (VFD) a unique feature of the Shuttle D'VO series will display helpful system status features. Shuttle D'VO simply and naturally fit in living room with fashion champagne gold strap crosses by black box panel, presenting elegant quality and low-profile luxury at home.



Intel® G33 Express Chipset with HDMI

Experience true-to-life video quality from the latest Intel® G33 Express chipset with HDMI and HDCP support. Featuring the Intel® Graphics Media Accelerator 3100 with Intel® Clear Video technology for enhanced high-definition video playback and sharper image quality. You can even connect a second display to the analog Sub-D output at the same time.



Finest cinematic surround sound experience

What would a home theater be without booming, immersive 7.1 channel surround sound? Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS® Connect functionality.



Supports 1333 MHz FSB and 45nm processors

This Shuttle product supports the Intel® Core™ 2 Duo and Intel® Core™ 2 Quad processors with up to 1333 MHz front side bus and the latest 45nm technology. Multi core brings multi power!



Speed-Link and eSATA

File sharing among two PCs has never been easier with the innovative Speed-Link technology: simply connect both systems through an ordinary USB cable! The External SATA interface provides up to 6 times faster access to external storage solutions than USB 2.0 or Firewire.



Fingerprint reader

With an added a layer of security protection thru the integrated biometric fingerprint reader, you can keep your digital identity and data more secure and no longer worry about having to memorize for memorizing multiple passwords.



WLAN and Bluetooth

The built-in Bluetooth 2.0 Dongle connects the Shuttle XPC with surrounding Bluetooth-capable peripherals. The integrated 802.11 b+g WLAN antenna make the Shuttle XPC ready for a wireless connectivity to Internet or to other home PCs.



New Era of All-Solid Capacitor Shuttle Mainboards

By using all-solid capacitors Shuttle mainboards provide industry leading stability, reliability and longevity for PC gaming and entertainment systems. The average lifespan for a solid capacitor is more than six times greater than the more common and less expensive electrolytic capacitors.

Shuttle XPC Barebone SG33G5M Deluxe Specifications

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|-----------------------------------|---|
| <i>Application</i> | Media Center (Home-Media) |
| <i>Deluxe Features</i> | Fingerprint recognition technology Speed-Link - easily connect 2 PCs via USB and share data Wireless LAN 802.11b/g, up to 54 Mbit/s data transfer rate Bluetooth 2.0 dongle |
| <i>Chassis</i> | G5M-type aluminum chassis (black) Mirror front face with golden accent Integrated VFD Media Display (Versatile front-panel display) Storage bays: 1 x 5.25", 2 x 3.5" (1 internal) Dimensions: 31 x 20 x 18.5 cm (LWH), Weight: 3.3 kg net / 4.6 kg gross |
| <i>VFD Display Remote Control</i> | Versatile Front-panel Display (VFD) shows helpful system information. Integrated receiver for remote control Shuttle multimedia remote control Compatible with Windows Media Center (Vista or MCE 2005) |
| <i>Mainboard</i> | Shuttle FG33, Shuttle form factor, Dimensions: 25.4 x 18.5 cm proprietary mainboard design for Shuttle XPC Barebone SG33G5M Deluxe Chipset: Intel G33 Express (Bearlake-G) + ICH9DH Solid Capacitors for excellent heat resistance for enhanced system durability Color slots/connectors design (Power switch, USB, PCIe, PCI) |
| <i>Power Supply</i> | SilentX 300 Watt mini power supply unit Input voltage range: 100~240V Connectors: 20-pin ATX, 4-pin ATX12V Dimensions: 190 (L) x 82 (W) x 43 (H) mm EMI certified: FCC, CE, CCC Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction) |
| <i>Processor Support</i> | Socket 775 supports Single/Dual/Quad Core processors from Intel with Core technology and 800, 1066 or 1333MHz front side bus: Core 2 Quad, Core 2 Duo, Pentium Dual-Core and Celeron D 4xx series. Designed for 45, 65 and 90nm process technology. Supports Pentium 4/D processors at 800MHz FSB. Processors with 533MHz FSB are not supported. Please refer the support list for detailed processor support information. |
| <i>Over-clocking *)</i> | Overclocking settings: CPU frequency, CPU voltage, RAM frequency, RAM voltage Dynamic Overclock feature: Easily overclock from 3/5/7/10/15/20% through the BIOS.Processor cooling |

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| Processor Cooling | Shuttle I.C.E. 2 (Integrated Cooling Engine) advanced I.C.E. 2 Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow |
| Memory Support | 2x 240 pin slots, supports Dual Channel supports DDR2-667/800 SDRAM memory up to a total size of 4 GB, max. 2 GB per DIMM |
| Expansion Slots | 1x PCI-Express (16X) supports 8 GB/s data transfer 1x PCI (32 bit) |
| Integrated Graphics | Intel Graphics Media Accelerator 3100 (GMA 3100) Full Windows Vista Aero experience Intel Clear Video Technology Hardware acceleration for MPEG2 and VC1 content DirectX 9.0 support, Shader 2.0 Dynamic Video Memory Technology (DVMT) 3.0 Shared Memory size up to 384MB HDMI connector (High Definition Multimedia Interface) supports HDCP (High-bandwidth Digital Content Protection) transmits SPDIF digital audio signals DVI adapter included VGA connector for analog displays Dual monitor operating possible (1x digital over HDMI/DVI plus 1x analog over Sub-D) |
| 8-channel Audio DD/DTS | 7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output (digital audio), optional S/PDIF input |
| Gigabit-LAN Controller | Marvell 88E8056 Ethernet network controller (Gigabit) Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL) |
| Firewire-Controller | Firewire controller TI TSB43AB22A IEEE1394 OHCI rev 1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate |
| Drive connectors | 3x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth, NCQ support 2x External Serial-ATA, 3 Gbit/s (eSATA) 1x IDE ATA 100 drives 1x floppy disk drive |

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| <p><i>Front panel connectors</i></p> | <p>Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)</p> |
| <p><i>Back panel connectors</i></p> | <p>HDMI (DVI adapter included) D-sub VGA (analog) 4x USB 2.0 GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 2x External Serial ATA port (eSATA) Optical S/PDIF output (Digital Audio) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Audio Line-in CMOS button Built-in Wireless LAN module (PN18) optional parallel port (PC8)</p> |
| <p><i>Other connectors</i></p> | <p>2x fan connectors (4 pin) 4x USB 2.0 (two sets with 2x5 pins) Header for optional PS10 adapter (this adapter can be installed in the printer port perforation in the back panel and provides PS/2 keyboard and mouse ports)</p> |
| <p><i>Accessories</i></p> | <p>Remote Control (compatible with Windows Media Center) Multi-language user guide, Driver CDROMs (Windows Vista, Windows XP 32/64 bit) I.C.E. heat-pipe module, Cable for FDD, Serial ATA (1x), Parallel ATA (1x) Power cord, Screws, Heatsink Compound</p> |

***) Overclocking Warning**

Please note there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using third-party overclocking tools. Overclocking may affect your system stability or even cause damage of the components and devices of your system. It is done at your own risk and expense. Shuttle cannot be held responsible for possible damage caused by overclocking.

Which components are required?

Please add the following components to the Shuttle XPC Barebone SG33G5M in order to build a fully configured media centre PC:

- Operating System:
 - Windows Vista Home Premium or
 - Windows Vista Ultimate or
 - Windows XP MCE 2005 (+ DVD Decoder Software)
- Processor: e.g. Intel Core 2 Duo 6xxx-series
- Memory: e.g. 2x 1GB DDR2-667
- S-ATA hard disk: e.g. 320 GB
- USB keyboard and USB mouse

Other recommended components:

- Optical drive: e.g. dual format DVD writer
- PCI TV cards: e.g. analog, DVB-T (single/dual) or hybrid (combined)
- Multi-format card reader for the 3.5" bay
- Active PC speaker or optical SPDIF connector to digital surround amplifier

Optional enhancements:

- PCI-Express graphics card (you can not use onboard HDMI and VGA connectors at the same time)
- Wireless LAN module (PN18G)