

### Everything fits the bill – so does the price!

This complete system, based on the XPC Barebone SA76G2, houses cutting-edge components within its black aluminium casing at an attractive price. The greatest possible compatibility is ensured for the long term through support of many AM2, AM2+ and AM3 processors from AMD. One PCI and PCI Express slot each and a large number of USB ports offer room to grow. If a suitable ATI graphics card is used, then up to four monitors can be connected. The XPC G2 7600B relies on the proven heatpipe cooling system for quiet operation and highest stability.

## XPC G2 7600B



### Feature Highlight

Category	<ul style="list-style-type: none"> <li>Business</li> </ul>
Shuttle XPC	<ul style="list-style-type: none"> <li>Based on Shuttle XPC Barebone SA76G2</li> </ul>
OS	<ul style="list-style-type: none"> <li>Windows XP or Windows Vista</li> </ul>
Processor	<ul style="list-style-type: none"> <li>AMD Phenom II, Phenom, Athlon 64 X2, Athlon 64, Sempron 64 (Socket AM3, AM2+, AM2)</li> </ul>
Memory	<ul style="list-style-type: none"> <li>2 modules DDR2-667/800 Total size max. 4 GB</li> </ul>
Graphics	<ul style="list-style-type: none"> <li>Integrated graphics, DX 10, 256MB UMA</li> <li>Supports Quad display mode with an additional applicable ATI graphics card</li> </ul>
Audio	<ul style="list-style-type: none"> <li>6-channel Audio</li> </ul>
LAN	<ul style="list-style-type: none"> <li>Gigabit LAN (1000 Mbit/s)</li> </ul>
Drives	<ul style="list-style-type: none"> <li>DVD Reader or DVD Writer</li> <li>Serial-ATA Hard disk</li> <li>Optional floppy drive or card reader</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>24 months Pick-up and Return Service</li> </ul>
Further configuration options	<ul style="list-style-type: none"> <li>It is possible to modify certain components of this basic configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website <a href="http://sys.eu.shuttle.com">sys.eu.shuttle.com</a></li> </ul>

Product ID: G2 7600B  
Order No: PCK-G2760B01

Images for illustration purposes only.

## Shuttle XPC G2 7600B – Special Product Features



### The Shuttle XPC series is the keyword in artistic design from Shuttle.

There are different chassis designs to choose from. No matter whether it's for use in the home or the office, for high adrenaline or laid back users, there is a Shuttle Mini-PC in the XPC series to suit every taste. Cover and front plate of the G2-design chassis are completely made of aluminum. This leads to a stylish-robust appearance and makes it to a popular design for many users.

### G2 7600B configurable with AMD Phenom II Processors

Realize new possibilities for connecting with friends, family, and digital entertainment with the phenomenal performance of the AMD Phenom and Phenom II series quad-core processor. Built from the ground up for true quad-core performance, AMD Phenom processors speed through advanced multitasking, critical business productivity, advanced visual design and modeling, serious gaming, and visually stunning digital media and entertainment.

### Integrated Cooling Engine (I.C.E.)

Shuttle's XPCs offer the power of a desktop PC in a form factor one-third the size. In order to ensure proper airflow inside a smaller unit, 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.

### ATI SurroundView™ Technology

The Shuttle XPC G2 7600B features ATI Hybrid Graphics technology which enables ATI SurroundView™ multi-monitor technology, providing support for 4 independent monitors when an applicable integrated GPU is combined with a discrete GPU (ATI graphics card). It means you can definitely work under the environment with better desktop productivity and ultimate flexibility at the same time.

### PCI-Express V2.0 for high-performance graphics cards

The Shuttle XPC G2 7600B is equipped with one PCI-Express x16 Version 2.0 slot delivering a bandwidth of up to 16GB/s, twice the speed of PCI-E 1.0, thus providing plenty of potential for the newest graphics cards

### Gigabit LAN Network

Today's media-rich communications across the Internet and within organizations are creating new demands on clients in Local Area Networks (LANs). For that reason Shuttle introduces the Gigabit LAN performance even in the business and entry level segment of their XPC line.

### Solid Capacitors

The new generation of solid capacitors is used in the temperature sensitive part of the CPU voltage regulator. The lifespan of solid capacitors is in fact up to six times longer than the more common electrolytic capacitors.

## Shuttle XPC G2 7600B Specifications

<i>Range of application</i>	Business
<i>Basis</i>	System based on: Shuttle XPC Barebone SA76G2
<i>Operating system</i>	Microsoft Windows XP or Microsoft Windows Vista (various versions available) 9 languages available: German, English, French, Dutch, Italian, Spanish, Swedish, Finnish, Danish
<i>Software</i>	MPEG2 decoder (CyberLink PowerDVD or DVD-Pack)
<i>Chassis</i>	G2-type aluminum chassis, black color Storage bays: 1x 13.34cm (5.25"), 2x 8.9cm (3.5") - 1 internal Dimensions: 30 x 20 x 18.5 cm (LWH),
<i>Processor</i>	AMD processor (Socket AM2, AM2+ or AM3) AMD Phenom II, Phenom, Athlon 64 X2, Athlon 64 or Sempron processor CPU power consumption (TDP) = max. 105W
<i>Heatpipe 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>Chipset</i>	AMD 760G (Codename: RS760) + SB710
<i>Hard disk</i>	Serial ATA hard disk, 8.9cm / 3.5" format
<i>Optical drive</i>	DVD reader or DVD writer supports Dual Format and Dual Layer
<i>8.9cm / 3.5" drive</i>	Floppy disk drive or multi-format card reader optionally available
<i>Memory</i>	2x DDR2-667/800 SDRAM memory , Dual Channel Up to a total size of 4 GB, max. 2 GB per DIMM
<i>Integrated graphics</i>	Integrated graphics engine ATI Radeon 3000 (RV610, 350 MHz) DirectX 10.0 support, Shader Model 4.0, OpenGL 2.0 Shared Memory max. 256MB Maximum resolution: 2560x1440 at 75 Hz for 16:9 format Video outputs: digital DVI (single-link) and analog VGA Supports Dual independend display mode Supports Quad display mode with an additional applicable ATI graphics card

<i>Optional graphics card</i>	This system can be optionally configured with an additional PCI Express x16 graphics card from NVIDIA or ATI.
<i>5.1 ch Audio</i>	Audio Realtek® ALC 662 6-channel High-Definition Audio Three analog audio connectors (3.5mm) at the Back-Panel: 1) Front Line out (head phone) 2) Rear Surround line-out (shared with microphone input) 3) Center line-out (shared with Line in) S/PDIF output optional
<i>Gigabit LAN</i>	Marvell 88E8057 Ethernet network controller (Gigabit PNY) Supports 100 / 1.000 MBit/s operation, supports Wake-on-LAN (WOL)
<i>Empty slots</i>	1x PCI-Express (16x) for an optional graphics card 1x PCI (32 bit)
<i>Front-panel I/O</i>	Microphone Headphone (Line-out) 2x USB 2.0 Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)
<i>Back-panel I/O</i>	DVI video output VGA video output (Sub-D) 4x USB 2.0 GigaBit LAN (RJ45) PS/2 keyboard Audio connectors: 6-ch line-out (or Mic, Line-in, Line-out) Clear CMOS Button
<i>Optional connectors</i>	Optional optical S/PDIF output Optional Wireless LAN module (PN18) Optional parallel port (PC8)
<i>Power supply</i>	250 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, BSMI, CCC; Safety certified: UL, TÜV, CB, BSMI, CCC Active PFC (Power Factor Correction)
<i>Warranty</i>	24 Months Pick-Up-And-Return Service
<i>Further configuration options</i>	It is possible to modify certain components of this basic configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website <a href="http://sys.eu.shuttle.com">http://sys.eu.shuttle.com</a>

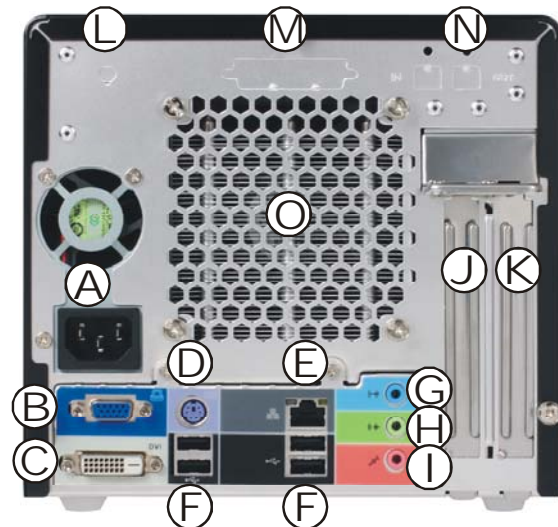
## Shuttle XPC G2 7600B – Connectors and Components

Front View



- (1) Bay for optical drive
- (2) Bay for card reader or floppy disk reader
- (3) Hard disk LED
- (4) Power LED
- (5) Reset button
- (6) Power button
- (7) Microphone input
- (8) Headphone output
- (9) USB ports

Rear View



- (A) Power supply
- (B) VGA video port
- (C) DVI video port
- (D) PS/2 keyboard port
- (E) Gigabit LAN port
- (F) 4x USB ports
- (G) Audio Line-In
- (H) Audio Line-Out
- (I) Microphone input
- (J) PCI slot
- (K) PCI-Expr. x16 slot
- (L) WLAN perforation
- (M) Parallel port perforation
- (N) S/PDIF output perforation
- (O) Heatpipe cooling