>>XPC

G2 7600BA

Cost-effective AMD-based PC for basic applications

The Shuttle XPC G2 7600BA is a cost-effective SFF PC based on the AMD Athlon II X2 215 processor (2x 2.7GHz) that can handle all the requirements of today's computing needs like internet browsing, word processing and other office or general type tasks. It relies on the proven heatpipe cooling system for quiet operation and highest stability. The cover and front plate of the chassis are completely made of aluminum. This leads to a stylish-robust appearance and makes it to a popular design for many users.

Feature Highlight

Category	• Basic
Shuttle XPC	• Based on Shuttle XPC Barebone SA76G2 with AMD 760G/SB710 chipset
OS	• Windows XP Professional (Downgrade from Windows Vista Business)
Processor	• AMD Athlon II X2 215 processor Socket AM3, 2x 2.7GHz
Memory	• 1GB DDR2 memory, dual channel
Graphics	• Integrated graphics engine ATI Radeon 3000, DX 10, 256MB UMA
Audio	• 6-channel Audio
LAN	• Gigabit LAN (1000 Mbit/s)
Drives	• DVD±R/W Writer supports dual layer • 160 GB Serial-ATA Hard disk
Warranty	• 24 months Pick-up and Return Service
Further configuration options	• It is possible to modify certain components of this basic configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website sys.eu.shuttle.com

Prduct ID: G2 7600BA
Order No: PCT-G2760B1

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Images for illustration purposes only.

Shuttle XPC G2 7600BA – 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 7600BA with AMD Athlon II Processor

The Athlon II X2 is a 45nm monolithic dual-core processor with Socket AM3 and integrated Dual-Channel memory controller. While the most recent Athlon X2s are derivatives of the original Phenom architecture, the Athlon II is based on the new and improved Phenom II architecture. Do more of the things you want to in less time and enhance your digital life with the multi-core performance and energy efficiency of the AMD Athlon II processor-based XPC system.

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.

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 7600BA Specifications

Range of application	Basic
Basis	System based on: Shuttle XPC Barebone SA76G2
Operating system	Operating system: Microsoft Windows XP Professional Downgrade from Windows Vista Business 9 languages available: German, English, French, Dutch, Italian, Spanish, Swedish, Finnish, Danish
Chassis	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),
Processor	AMD Athlon II X2 215, Socket AM3 Core clock frequency: 2x 2700 MHz Cache: 2x 128kB Level 1, 2x 1024kB Level 2 Dual Core, 45nm, Codename: Regor Based on the Phenom II architecture CPU power consumption (TDP) = max. 65W Supports HyperTransport 3.0, system transfer rate: 4000 MT/s
Heatpipe cooling	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
Chipset	AMD 760G (Codename: RS760) + SB710
Hard disk	160GB Serial ATA hard disk, 8.9cm / 3.5" format
Optical drive	DVD writer, supports Dual Format and Dual Layer
Memory	1GB DDR2 SDRAM memory (2x 512MB) , Dual Channel
Integrated graphics	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

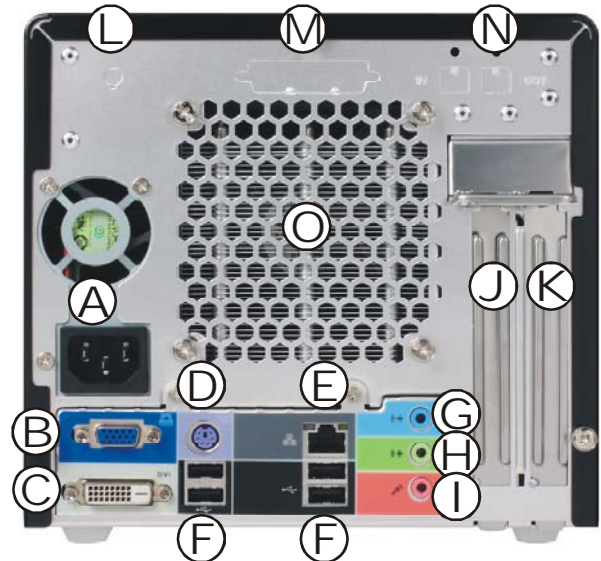|	
5.1 ch Audio	Audio Realtek® ALC 662 6-channel High-Definition Audio Three analog audio connectors (3.5mm) at the Back-Panel: 1) Front Line out (head phone) 2) Rear Surround line-out (shared with microphone input) 3) Center line-out (shared with Line in) S/PDIF output optional
Gigabit LAN	Marvell 88E8057 Ethernet network controller (Gigabit PNY) Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
Empty slots	1x PCI-Express (16x) 1x PCI (32 bit)
Front-panel I/O	Microphone Headphone (Line-out) 2x USB 2.0 Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)
Back-panel I/O	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
Power supply	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)
Warranty	24 Months Pick-Up-And-Return Service

Shuttle XPC G2 7600BA – Connectors and Components

Front View

Rear View

(1) Optical drive: DVD writer
(2) Empty 3.5" bay
(3) Hard disk LED
(4) Power LED
(5) Reset button
(6) Power button
(7) Microphone input
(8) Headphone output
(9) USB ports

(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