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Shuttle XG41 Slim-PC

Performance in a compact size, ideal for home, office or industryMini-PCs in cube format are not compact enough for you?
You also want flexibility in the choice of the processor?

Shuttle fills this gap exactly by introducing the XG41.

Choose the processor model that is right for you from the wide product range of Intel Core 2 processors with socket 775 (up to 65 W TDP).

The XG41 is based on the proven Intel G41 Express Chipset with versatile GMA X4500 graphics engine.

Thanks to HDMI- and DVI-outputs two monitors can be run at the same time using these digital connectors.

Digital audio signals can also be transferred via the optical S/PDIF connector as well as with HDMI.

A mini PCIe slot offers additional expansion options.

For special applications there are two RS232 serial interfaces at the back of the unit, which are ideal for use in many industrial applications. (1x switchable to RS422 / RS485)

A generous, external fanless 90W power supply and intelligent fan control ensure optimum reliability.



XG41 mounted vertically in the optional PS01 Stand



Shuttle XG41 Slim PC Product Features

**6-channel audio**

With the inbuilt sound card you can connect up to six speakers. Get your own personal surround-sound experience at home.

**Digital monitor output**

Large TFT monitors work with extremely high resolutions. Digital technology is essential for displaying video signals in excellent quality and with no loss of performance. This Mini-PC offers a high-quality DVI monitor output.

**Stylish exterior and high-speed interior**

This attractive Mini-PC offers multi-core CPU power, enabled by Intel's best-ever processors. Core 2 Duo and Core 2 Quad work with two or four CPU cores and are often able to work at double or quadruple the speed of conventional processors

**Anti-theft protection**

The Kensington Lock forms part of the anti-theft system. As with many other Notebooks, this Mini-PC can also be safely locked, ensuring long-term enjoyment from your Shuttle product.

**Communication in the fast lane**

The integrated gigabit LAN chipset opens up completely new possibilities for communication with no restriction on the speed of data transfer. Say goodbye to information bottlenecks, whether in the company network or for home Internet access

**Intelligent fan control**

The Smart Fan system promises low operating noise with its large, slowly rotating fans, which generate a very large airflow and have automatic variable speed control.

**Generous supply of USB ports**

You can never have enough of those versatile USB ports. This Shuttle Mini-PC offers 6 ports, with further ports for internal expansions located on the motherboard.

**Now with improved airflow**

The latest Mini-PCs feature more air intake points to improve the inflow of cool air. The size and position of these intake points on the chassis cover and underside have been chosen to allow optimal cooling of all critical components, resulting in increased stability and longer lifespan.

**High-quality steel, perfectly finished**

Modern production methods enable the creation of perfectly finished steel. This model is in no way inferior to its aluminium brothers and sisters in terms of size and looks. Steel is a cost-effective alternative material for the construction of Mini-PCs,

**Full support for Windows 7**

Shuttle provides all the necessary drivers to ensure the smooth installation of Windows 7, and the enhanced 3D "Aero" interface runs without problem thanks to the integrated state-of-the-art graphics processor.

Shuttle XG41 Specifications

Chassis

Net-top PC, slim X-type chassis, black. Dimensions: 242 x 200 x 73 mm (LWH) = 3.5 litres
Weight: 3.6 kg gross, 2.4 kg net. Front doors for optical drive and front panel connectors.
Hole for the Kensington Lock at the back panel. Operation position horizontal or vertical with the optional stand PS01

Storage bays

1x for optical drive in slimline format with 12.7 mm height. 1x 6.35cm/2.5" for hard disk with 9.5 mm height.

Motherboard

Mini-ITX Motherboard: 17 x 17 cm, 6 layer design. Chipset: Intel G41 Express + ICH7 AMI BIOS in 8Mbit EEPROM with SPI interface. Supports hardware monitoring and watch dog functionality. High quality solid capacitors

Power supply

External 90W power adapter (fanless) Input: 100~240V AC. Output: 19V DC, 4.74A, max. 90W Internal DC-DC daughter board

Processor support

Socket 775 Supports Intel Core 2 Duo, Pentium Dual Core, Celeron Dual-Core. Supports 800, 1066 or 1333 MHz front side bus (FSB). Maximum power consumption: TDP = 65W max.

Heat pipe cooling

Processor cooling with heat pipe technology and two fans (6cm)

Memory support

2x 240 pin DIMM slots Supports DDR3-800/1066 standard desktop memory modules. Memory modules that are designed for higher frequencies can also be used. Maximum capacity: 4 GB per module, 8 GB total size

Slots

1x Mini-PCI-Express X1 (e.g. for optional WLAN module)

Integrated Graphics

Intel Graphics Media Accelerator X4500 (GMA X4500) Supports Microsoft DirectX 10, Shader Model 4.0 und OpenGL 2.0. Supports Intel Clear Video Technology with ProcAmp colour control. Maximum DVI resolution: 2048x1536 Max. shared video memory size (UMA): 1759MB*. Video outputs: DVI-I and HDMI support dual independent display (dual view)

5.1-channel 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) Centre line-out (shared with Line in). Digital audio output: S/PDIF (optical) and via HDMI

Gigabit LAN Controller

Dual Realtek 8111E Gigabit Ethernet network controller. Supports 10 / 100 / 1000 Mbit/s operation. Supports Wake-on-LAN (WOL). Dual RJ45 network ports supports Teaming **

Drive connectors

3x Serial-ATA II, 3 Gabs bandwidth

Front Panel connectors

Microphone input. Audio Line-out (headphone). 2x USB 2.0. Power button. Power LED (blue). HDD LED (yellow)

Back Panel connectors

DVI-I connector (supports VGA with optional adapter). HDMI connector (supports DVI-D with optional adapter). 4x USB 2.0. 2x Gigabit LAN (RJ45). 2x RS232 serial ports (5V/12V, 1x switchable to RS422 / RS485). Audio Line-in. Audio Line-out. Audio Mic-in. S/PDIF output (optical). Perforation for Wireless LAN antennas (2 holes). Hole for Kensington Lock

Other onboard connectors

2x USB 2.0 (2x5 pin header). 20+4 pin ATX power supply connector. 2x fan connectors (3 pin and 4 pin). Header for Clear CMOS function (3 pins)

Accessories

Multi-language user guide. 32-bit / 64-bit Driver DVD. 2x cable for SATA (preinstalled). External power adapter with power cord. Heat pipe cooling system (preinstalled). Heat-sink compound. Screws

Optional accessory

Vertical stand (PS01). VESA mount (PV02)

Conformity/Certifications

EMI: FCC, CE, BSMI, C-Tick Safety: CB, BSMI, ETL Others: RoHS, Energy Star V5.0, EuP Lot 6 This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office. The CE-mark approves the conformity by the EU-guidelines: - EMV-guideline 89/336/EWG electromagnetic tolerance - LVD-guideline 73/23/EWG use of electric devices within certain voltage-limits

* Shared Memory Size

The shared memory size is dynamically controlled by VGA driver, and the Max. shared memory size will be available only when 4GB or more memory is installed under 64-bit OS.

** Teaming Mode

The teaming function allows you to group both available network adapters together to function as a single adapter - a method of creating a virtual LAN. The benefit of this approach is that it enables load balancing and failover.

Optional Accessories



PS01 Vertical Stand

XG41 can be used for horizontal operation by default, but with the optional PS01 stand accessory, it can also be placed in the vertical position



PV02 VESA Mounting Bracket

The optional VESA75/100 wall mount allows it to be installed onto walls, or just fixed to the rear side of a monitor.

