

Ultra Small Media PC with Dual Core

The Shuttle mini X 100HE is just 5.35 cm tall and masterly designed to save your desk space with performance specifications ideal for multimedia applications such as video editing, gaming, or just watching DVDs. Equipped with Intel Core 2 Duo mobile processor, ATI's Mobility Radeon X1400 onboard graphics accelerator with DVI/TV out and multi-channel digital audio, the Shuttle mini X 100HE offers the exceptional combination of the powerful performance and greatest convergence and potential for future applications. Moreover, the connectivity options include RJ45 LAN, Wireless LAN, card reader, USB 2.0 and Firewire. Just plug in your display, keyboard and mouse and you've got an incredibly compact Media-PC, delivering a great digital entertainment experience with the traditional XPC charm that many have come to love.

Shuttle XPC mini X100HE



Feature Highlight

Category	<ul style="list-style-type: none"> Home
OS	<ul style="list-style-type: none"> Microsoft Windows Vista Home Premium
Processor	<ul style="list-style-type: none"> Intel Core 2 Duo (2x 1.6 GHz), Merom Core Socket 479 Intel Mobile Processor with 65nm technology
Memory	<ul style="list-style-type: none"> 1 GB DDR2-667 SO-DIMM, Dual Channel
Chipset	<ul style="list-style-type: none"> Intel 945PM + ICH7M
Graphics	<ul style="list-style-type: none"> ATI Mobility Radeon X1400 (M54) Outputs: DVI, incl. VGA adapter, S-Video
Audio	<ul style="list-style-type: none"> 7.1 HD-Audio, SPDIF out + analogue ports
LAN	<ul style="list-style-type: none"> Gigabit LAN up to 1000 Mbit/s Wireless LAN 54 Mbit/s
Storage	<ul style="list-style-type: none"> 250 GB hard disk, 3.5", S-ATA 3 Gbit/s Slot-in DVD writer incl. Nero Software 4-in-1 memory card reader
Other ports	<ul style="list-style-type: none"> 5x USB, (1x front, 4x back) Firewire 1394
Warranty	<ul style="list-style-type: none"> 24 Months Pick-Up-And-Return Service

Product ID: X 100HE
Order No: PCS-X0010HE1



The configuration of the Shuttle XPC mini X 100HE is only one of several configurations available of the Shuttle XPC mini X 100H series. Please refer to the **Shuttle Systems Configurator** (sys.eu.shuttle.com) to see the full range of other possible built-to-order (BTO) systems.

Pictures for illustration purposes only.

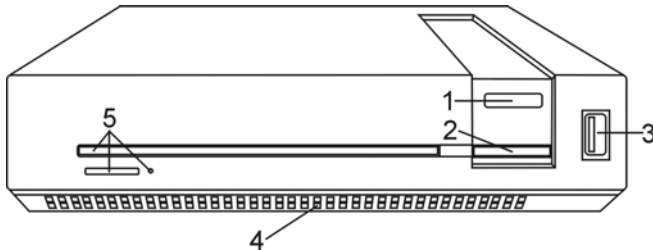
Shuttle XPC mini X 100HE Specifications

Range of application	Home Remark: This product is not available as barebone system.
Operating system	Microsoft Windows Vista Home Premium with DVD playback Pack (MPEG2 decoder) 9 languages available: German, English, French, Dutch, Italian, Spanish, Swedish, Finnish, Danish
Chassis	X-type chassis, Shuttle Ultra Small Form Factor, synthetic material dimensions: 21 x 29.6 x 5.5 cm cm (DWH) = 3.42 liter Weight: 3.4 kg net
Power Adapter	External, fanless SilentX power adapter, Active PFC (Power Factor Correction) Output wattage: 80W, Output voltage: 20V, input: 100-240V AC autosensing EMI certified: FCC, CE, BSMI; Safety certified: UL, TÜV, CB, BSMI
Processor	Socket 479 supports Intel Mobile Processors with 65nm technology. Equipped with Intel Core 2 Duo, 2x 1.6 GHz, Merom Core 533MHz FSB, 2MB Cache, Dual Core
Chipset	Mobile Intel® 945PM Express Chipset Northbridge Intel 945PM and Southbridge ICH7M
Hard disk	3.5" Serial ATA harddisks with 250 GB capacity Serial ATA II interface with up to 3 Gb/s transfer rate
Optical drive	Slim Slot Multi Format DVD Writer without tray Read speed: DVD-ROM 8x, CD-ROM 24x Write speed: DVD±R 8x, DVD±RW 4x, DVD-RAM 5x, DVD+R DL 2.4x, CD-R 24x, CD-RW 16x
Memory	1024 MB DDR2-667, Dual Channel 2x SODIMM memory modules à 512 MB
Graphics card	ATI Mobility Radeon X1400 (Codename "M54", 90nm process) 128MB GDDR2 VRAM DirectX 9, 4 Pixel-, 2 Vertexpipelines, 128 Bit, Shader Model 3.0, PowerPlay 6.0 MXM plug design (Type II) based on PCI Express technology Outputs: DVI (digital) and TV (S-Video)
Audio	7.1 channel Intel HD Audio Sound max. 192kHz/32-Bit, Realtek ALC880 Codec Microphone input, Line-in, Line-out, Digital SPDIF output (optical)

Gigabit-LAN	Gigabit network controller Realtek 8110 supports 10/100/1000 Mbit/s data transfer rate
WLAN	Supports 802.11 a/b/g, max. 54 Mbit/s data transfer rate, with internal antenna
Card Reader	Integrated multi-format 4-in-1 card reader (USB 2.0) supports the memory card types: SD, MMC, MS and MS-pro
Front-panel I/O	USB 2.0 connector, Power button with Away Mode, Power LED, LED for hard disk drive and optical drive activity
Back-panel I/O	DVI-I out (including adapter with VGA connector) TV out (S-Video) 4x USB 2.0 FireWire (6 pin) LAN (RJ45) Microphone input Line-in Line-out (head phones) Digital Audio SPDIF output (optical) DC-in for external power supply
Environmental Limits	Operating temperature: 5 to 30°C (41 to 86°F) Operating humidity: 20 to 80 percent RH (5 to 35°C) Storage temperature: -15 to 50°C (-5 to 122°F)
Accessories	System manual, Quick installation guide, S-video out cable DVI to D-Sub connector, Stand, Power adaptor, Power cord
Warranty	24 Months Pick-Up-And-Return Service

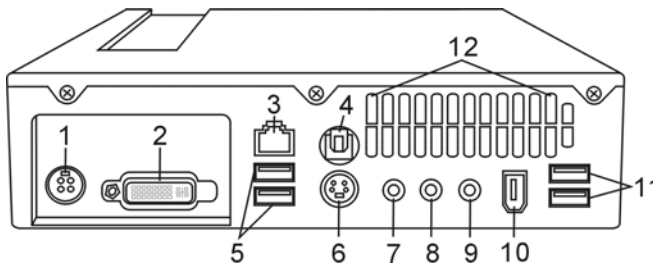
Advanced Connectivity

Front Panel



- (1) Power/Suspend Button
- (2) 4-in-1 Card Reader (SD/MS/MMC/MS-Pro)
- (3) Slot-in type of optical drive with disk eject button
- (4) USB 2.0 – Universal Serial Bus
- (5) Ventilation Grill

Back Panel



- (1) Power – DC-in from external adapter
- (2) DVI-I – Digital Visual Interface with integrated analog video output
- (3) LAN - RJ45 connector for Ethernet LAN
- (4) SPDIF optical out – digital audio
- (5) 2x USB 2.0 – Universal Serial Bus
- (6) S-Video – analog TV output
- (7) Line-out – analog audio out,
- (8) headphone
- (9) Line-in – analog audio input
- (10) Microphone input
- (11) Firewire / IEEE 1394 6-pin connector
- (12) 2x USB 2.0 – Universal Serial Bus
Ventilation Grill

Shuttle X-Series: Recommended Configurations:



	<i>Shuttle XPC mini</i> X200B	<i>Shuttle XPC mini</i> X100H	<i>Shuttle XPC mini</i> X200M
Application	Business	Home	Media Center
Operating System	Windows XP Professional	Windows XP Home	Windows XP MCE 2005
Chipset	Intel 945GM + ICH7M	Intel 945PM + ICH7M	Intel 945GM + ICH7M
Intel Mobile Processor	Intel Celeron M 4xx (Single Core)	Intel Core Duo Intel Core 2 Duo (Dual Core)	Intel Core Duo Intel Core 2 Duo (Dual Core)
Memory (up to 2 GB)	DDR2-533 512MB (2x 256MB) Dual Channel	DDR2-533/667 1 GB (2x 512MB) Dual Channel	DDR2-533/667 1 GB (2x 512MB) Dual Channel
Graphics	Integrated Intel GMA 950 max. 224MB UMA	ATI Mobility Radeon X1400 MXM/PCIe graphics card 128MB GDDR2 VRAM	Integrated Intel GMA 950 max. 224MB UMA
3.5" Harddisk	80GB (or other)	200GB (or other)	300GB (or other)
4-in-1 Card reader	Yes	Yes	Yes
Optical drive	DVD combo drive (reads DVDs, writes CDs)	DVD writer (writes DVDs and CDs)	DVD writer (writes DVDs and CDs)
TV tuner	No (optional)	No	Hybrid TV tuner Analog and DVB-T
Remote Control	No (optional)	No	MCE Remote Control
LAN	Fast Ethernet (100Mbit/s)	Gigabit LAN (1000 Mbit/s)	Fast Ethernet (100Mbit/s)
Wireless LAN	No (optional)	Yes 54 Mbit/s (optional), integrated antenna	Yes 54 Mbit/s (optional), external antenna

It is possible to modify certain components of this basic configuration.
Please refer to the Shuttle Systems Configurator on Shuttle's website www.shuttle.com