Shuttle®

Shuttle mini PC for AMD AM2+ processors in stylish H7 design

Shuttle XPC
H7 7800H

The Shuttle XPC H7 7800H complete mini PC system is wrapped in the brand-new, discreet H7 case design and is technically well-equipped for demanding home-media applications. The powerful, integrated graphics with a HDMI output makes fluent video playback on full-HD displays a reality. Dolby® Digital Live and DTS™ Connect are provided for an exceptional audio experience. AMD's latest Phenom™ processors and PCI-Express graphics cards mean an advanced level of performance.

Feature Highlight

Category	• Home
Shuttle XPC	• Based on Shuttle XPC Barebone SN78SH7 • Chipset: NVIDIA GeForce 8200
OS	• Microsoft Windows Vista (optional Downgrade to Windows XP)
Processor	• AMD Phenom or Athlon 64 X2 • Socket AM2+
Memory	• DDR2-667/800, Dual Channel up to 4 GB
Integrated graphics	• 3D graphics accelerator • DirectX 10, 256MB UMA, HDMI/DVI+VGA • Suports Dual-Monitor-Operation • Supports Blu-ray play back (HDCP)
Optional graphics card	• PCIe x16 Grafikkarte ATI or NVIDIA (NVIDIA® nView™: up to 4 displays in combination with a NVIDIA graphics card)
Audio	• 8-ch Audio, optical S/PDIF out • Dolby® Digital Live! und DTS™ Connect
LAN	• Gigabit Ethernet LAN (1000 Mbit/s)
Drives	• 16x DVD Writer, Dual Layer • Serial ATA II hard disk • Optional Card-Reader
Warranty	• 24 months Pick-up and Return Service
Further configuration options	• It is possible to modify certain components of this configuration. Please refer to the "Shuttle Systems Configurator" on Shuttle's website sys.eu.shuttle.com

Pictures are for illustration only.

Shuttle XPC H7 7800H Specifications (configurable)

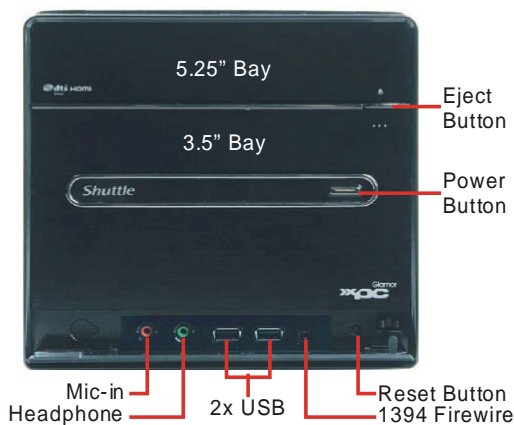|	
Range of application	Home
Basis	Shuttle XPC Barebone SN78SH7
Operating system	Microsoft Windows Vista (various versions available) Optional Downgrade to Microsoft Windows XP Professional 9 languages available: German, English, French, Dutch, Italian, Spanish, Swedish, Finnish, Danish
Chassis	H7-type aluminum chassis, black color Hidden front panel connectors and drive bays Storage bays: 1 x 5.25", 2 x 3.5" (1 internal) Dimensions: 32.6 x 20.8 x 19 cm (LWH) = 12.8 litres
Processor	AM2+ Socket with AMD Phenom or Athlon 64 X2 processor with up to 4 CPU cores and HyperTransport technology
Silent X 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	NVIDIA Single chip solution NVIDIA GeForce 8200 (codename: MCP 78S)
Hard disk	Serial ATA II hard disk, 3.5" format
Optical drive	DVD writer supports Dual Format and Dual Layer
Optional 3.5" drive	Floppy disk drive or multi-format card reader
Memory	With DDR2-667/800 SDRAM unbuffered memory up to a total size of 4 GB, max. 2 GB per DIMM 2 x 240 pin slots, supports Dual Channel
Integrated Graphics	Integrated graphics engine NVIDIA GeForce 8200 Supports NVIDIA PureVideo HD technology Supports Blu-ray and HD-DVD movies (supported formats include H.264, VC1 & MPEG2) DirectX 10 support, Geforce Boost and HybridPower Shared/Dynamic graphics memory: max. 256MB Video outputs: HDMI Version 1.2 (digital) and D-Sub (analog) Supports dual monitor operation via HDMI/DVI and VGA output

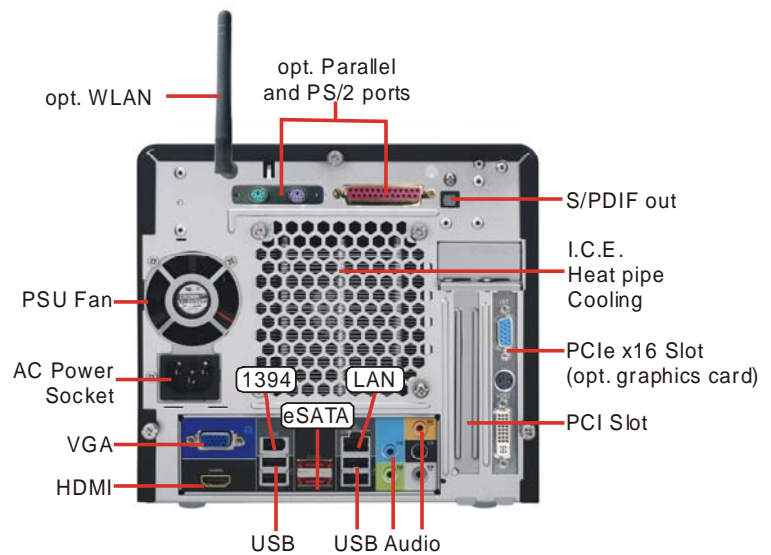|	
PCIe x16 Graphics card	PCI Express x16 graphics card from NVIDIA or ATI Video outputs: DVI (digital), D-sub VGA (analog) and S-Video (TV) Supports NVIDIA® nView™ Multidisplay technology: in combination with a NVIDIA graphics card you can connect up to 4 monitors at the same time - with other PCIe graphics cards the integrated graphics will be inactive
8ch Audio	7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) 103 dB SNR quality, playback sampling rates up to 96kHz Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output
Giga LAN	Marvell 88E1116 Ethernet network controller (Gigabit PNY) PCI-Express x1 interface Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN
Firewire	Firewire controller TI TSB43AB22A IEEE1394a OHCI V1.0 compliant With 2 Firewire connectors (front and rear) Supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Front-panel I/O	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Reset button Power button
Back-panel I/O	HDMI v1.2 (DVI adapter included) *) Sub-D VGA *) *) Vidoe-outputs of the integrated graphics, if activated 4x USB 2.0 2x External Serial ATA (eSATA) GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Optical S/PDIF output (optional input) Audio Line-in CMOS button
Optional Back-panel I/O	Optionale Wireless LAN antenna (PN20) Optional parallel port (PC8) Optional PS/2 ports (PS10)

Power supply	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 80 PLUS® certified (80% or greater energy-efficient) EMI certified: FCC, CE, CCC Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction)
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 http://sys.eu.shuttle.com

Front view

5.25" Bay

3.5" Bay

Shuttle

Eject Button

Power Button

Mic-in
Headphone

2x USB

Reset Button
1394 Firewire

Back view

opt. WLAN

opt. Parallel and PS/2 ports

S/PDIF out

I.C.E.
Heat pipe Cooling

PSU Fan

PCIe x16 Slot
(opt. graphics card)

AC Power Socket

1394

LAN

eSATA

PCI Slot

VGA

HDMI

USB

USB Audio