Original image provided by Microsoft.

Shuttle® Media Center **M 2000M**

HiDef Multimedia in Hi-Fi Format

Shuttle has done an excellent job again when it comes to integrating multimedia component in a single living room unit which. Forget the old VHS, CD and DVD player, or radio and TV receivers. The Shuttle XPC M 2000M packs Dual Core Processor, Dual TV tuners, DVD drive, and 8-in-1 card reader and stands ready to deliver pure multimedia bliss. Experience TV, video, pictures, music and more - all from one device.

Media Center
M 2000M

Feature Highlights

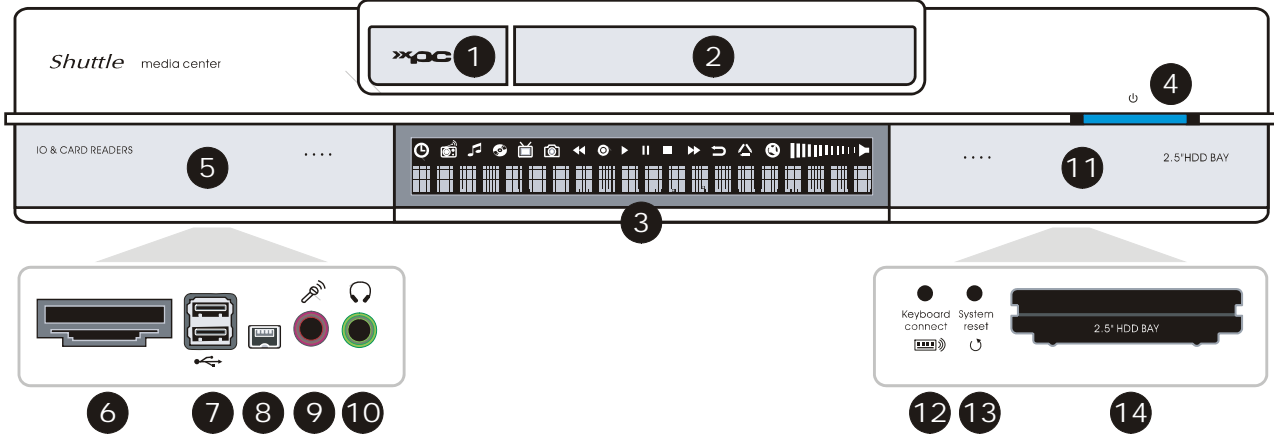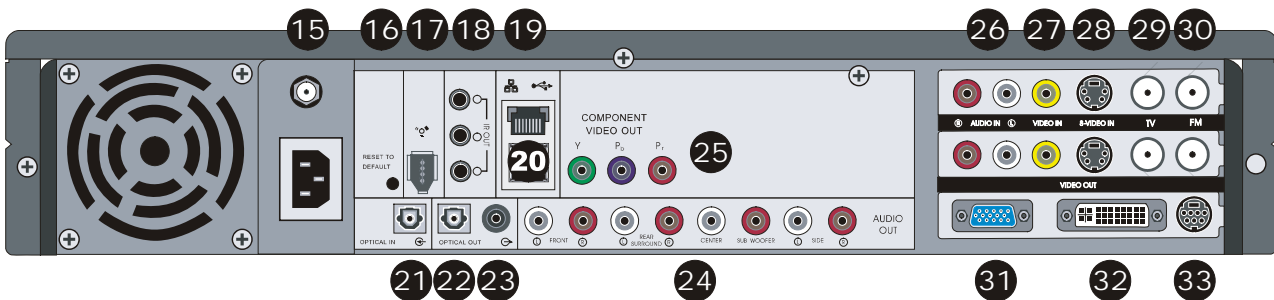|	
M chassis	• Flat rack design, Hifi form factor
Software	• Microsoft Media Center Edition • Cyberlink PowerDVD
Input devices and VFD	• Wireless keyboard with scroll ball • IR remote control • VFD Media Display
Graphics and TV cards	• NVIDIA GeForce 7600GS PCIe X16 graphics card Video out: DVI, VGA, Component Video S-Video/Composite, optional HDMI adapter • Dual Hauppauge WinTV Hybrid tuner Supports digital DVB-T or analog cable and FM radio With hardware MPEG encoder
Storage	• 500GB hard disk • DVD loader/writer • Card reader • 2.5" USB HDD enclosure (w/o disk)
Audio	• 7.1 audio, S/PDIF I/O, headset connector
Network	• Gigabit LAN • Wireless LAN (8022.11g)
Other features	• Intel Mobile Processor, Dual Core, 1.6GHz • 2GB DDR2-667 SO-DIMM • Intel 945GT/ICH7M-DH chipset • 150W power supply • 2x Firewire, 4x USB

Note: optical drive sold separately.
Images for illustration purposes only.
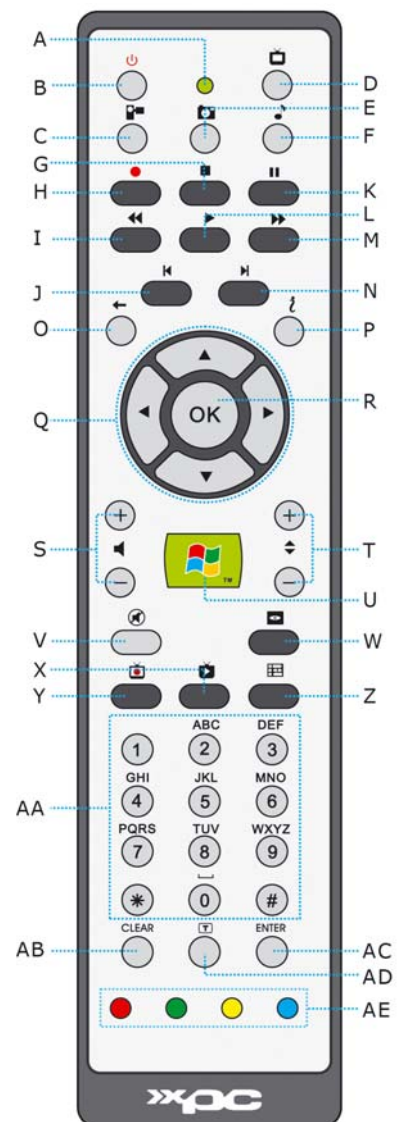
Advanced Connectivity

Front Panel

Back Panel

1	DVD Eject Button	
2	DVD Writer	
3	VFD Media Display	
4	On/Standby Button	
5	Left Front Panel	
6	8-in-1 Card Reader	
7	2x USB 2.0	
8	IEEE1394 Firewire	
9	Microphone Input	
10	Headphones	
11	Right Front Panel	
12	Keyboard Connect Button	
13	Reset Button	
14	Bay for external 2.5" HDD	

15	Wireless LAN Antenna
16	Clear CMOS Button
17	IEEE1394 Firewire
18	Infrared Output
19	Gigabit LAN Ethernet
20	2x USB 2.0
21	Optical SPDIF Input
22	Optical SPDIF Output
23	Coaxial SPDIF Output
24	8-channel Audio Output
25	Component Video Output

26	Audio Input (for TV)*
27	Coaxial Video Input*
28	S-Video Input*
29	TV Cable Inpu*t
30	Radio Antenna*
31	D-Sub Analog Video Out
32	DVD Digital Video Out
33	S-Video TV Out (Composite via Adaptor)

*26-30 may differ in conection with other TV card options

Keyboard and remote control

All the features of the Shuttle XPC Media Center can be accessed via the Media Center keyboard and remote control. Browse your media library, schedule TV recordings, chat with friends, all from the comfort of your armchair.

A

D

B 11 12 13 14 15 16 17 18

C 3 4 5 6 7 8 9 10

1	Media Center
2	Mouse Buttons
3	Live TV
4	Recorded TV
5	TV Guide
6	DVD MENU
7	Messenger
8	VOL (-)
9	VOL (+)
10	Mute
11	Record
12	Play
13	Pause
14	Stop
15	Rewind
16	Fast Forward
17	Replay
18	Skip
19a	On/Standby
19b	Activity LED
20	Trackball

A	LED
B	Power
C	My Videos
D	My TV
E	My Pictures
F	My Music
G	STOP
H	REC
I	Rew
J	Replay
K	Pause
L	Play
M	FWD
N	SKIP
O	Back
P	Info
Q	Arrow
R	OK
S	Volume
T	CH/PG
U	Media Center
V	MUTE
W	DVD MENU
X	LIVE TV
Y	RECORDED TV
Z	GUIDE
AA	0..9, #, *
AB	CLEAR
AC	ENTER
AD	TELETEXT
AE	Red Green Yellow Blue

Shuttle Media Center M 2000M – Special Product Features

Watch

Connect the Shuttle XPC Media Center to your living room high-definition display, television, or monitor to instantly transform your viewing experiences. Whether you are watching your favorite TV shows, enjoying the latest blockbuster DVDs, or browsing through albums of treasured digital photos, the Shuttle XPC Media Center gives you more features to help make the most of your new digital lifestyle.

Highlights:

Electronic Program Guide (EPG)
The free electronic program guide gives you access to detailed listings of the TV programs available in your area, up to one month ahead. Easy to browse categories and powerful search functions make it even easier to find, plan and discover great TV moments.

Pause and Replay Live TV
The Shuttle XPC Media Center gives you added control over live TV broadcasts. Just like a VCR or DVD, you can instantly pause or skip back during live TV shows so you never miss a moment.

Movies-on-Demand
The Online Showcase gives you access to free and paid services offering downloadable content whenever you want. Instantly rent the latest movies, re-watch old classics, or order pay-per-view events all at the touch of a button.

Listen

The Shuttle XPC Media Center delivers new levels of home audio. Bring movies to life in captivating theater-like surround sound with up to 7.1 channels.

Advanced audio processing dramatically enhances your music with features including Bass Boost, Multi-Band Graphic Equalizer, Audio Clean-Up, and more.

Highlights:

Multi-channel surround sound
Connect the Shuttle XPC Media Center to your home audio equipment and immerse yourself in realistic multi-channel surround sound. Experience movies, games and TV with awesome multi-directional effects just like in the movie theater.

Digital Jukebox
A few simple steps are all you need to turn all your old CDs into a versatile digital music collection that can't be scratched, lost or damaged. Hundreds of albums of compressed digital music can be stored and managed in the Shuttle XPC Media Center's easy to use digital music library. Use powerful search features to quickly find and play songs by artist, album or genre, or create playlists and compilations to suit every mood or occasion.

Online Music services
Expand your music collection even further with easy access to online music services. Browse and purchase songs from digital music stores and have them automatically added to your media library, or get unlimited access to vast online music collections for a simple monthly subscription fee.

Record

Record and save hours of TV or home movies directly on the Shuttle XPC Media Center, and watch them whenever you want. Use the built-in high-speed DVD burning features to quickly back up your TV recordings, home movies, pictures, and music and play them back on any compatible PC or media center devices.

Highlights:

Schedule
Full integration with the electronic program guide lets you easily schedule recordings of your favorite TV shows with the touch of a button. Single shows, entire series and your favorite movies can all be automatically recorded in a few simple steps.With the Shuttle XPC Media Center's advanced scheduling features you can be sure to never miss a moment.

DVD burner
The Shuttle XPC Media Center allows you to back up all your digital content on inexpensive DVD media. Store hours of TV, 100s of music albums or 1,000s of digital images on a single disc. You can even create DVDs of your home movie footage that

can be watched on your friends and relatives home DVD players.

Create

The Shuttle Media Center makes it easy to create personal media experiences to share with your friends and family. Touch up your digital pictures, build rich multimedia slide shows, and even edit and enhance your home movies with over 100 special effects and transitions.

Highlights:

Photo editing and slide show
With the Shuttle XPC Media Center's easy to use photo editing features, you can make all your photo memories perfect. Crop and rotate, improve contrast, and even remove red eye and other blemishes with a few simple steps. Then create media-rich slide shows with music and transition effects that make sharing your treasured moments even more enjoyable.

Movie editor with effects and transitions
The Shuttle XPC Media Center includes powerful yet easy to use movie editing software that allows you to turn your home movie footage into complete professional looking DVD movies. Edit and delete scenes, add your own soundtrack, even include titles, special effects and transitions. When your masterpieces are finished you can copy them to DVD discs that can be enjoyed on almost any home DVD player.

Share

The Shuttle XPC Media Center features a full range of connectors allowing you to transfer and share content with all your digital media devices. Back up your digital pictures, load music onto your music player to listen to on the move, even watch your recorded TV shows on other media center devices around your home. The Shuttle XPC Media Center gives you access to all your digital entertainment from one familiar place.

Highlights:

Universal connectors
High-speed USB and FireWire connectors allow you transfer content to and from almost any modern digital device. Attach your digital camera, music player or video camera to the Shuttle XPC Media Center to synchronize your media library with new pictures, sounds or movies in minutes.

Wireless and high-speed networking
Featuring both wired and wireless networking capabilities the Shuttle XPC Media Center can be connected to any other compatible computer, Media Center PC, or Media Center Extender device around your home giving you access to your entire media library whenever and wherever you want.

Connect

The Shuttle XPC Media Center connects directly to your home broadband connection, giving you access to the World Wide Web on your TV. Built-in firewall features and anti-virus software help keep you protected while you surf, and automatic updates ensure you always have the latest features and software.

Highlights:

Surf the internet
Read the latest news headlines, get weather reports, even shop online. With the Shuttle XPC Media Center you can access the entire World Wide Web of information from the comfort of your living room.

Email and instant messaging
The Shuttle XPC Media Center helps you stay in constant touch with friends and family. Chat in real-time with text, voice or video messaging, share files, or even play games. The Shuttle XPC Media Center helps you stay close to loved ones, wherever they are.
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Shuttle Media Center M 2000M Specifications

Application	Recommended range of application: Media Center
Operating System	Microsoft Windows XP Media Center Edition 2005 with Update Rollup 2 3 languages available: German, English, French
Software	DVD player software: Cyberlink PowerDVD 6
Chassis	Shuttle "M" chassis, flat case design Dimensions: 442 x 350 x 78 mm (WDH)
Processor	Intel Core Duo T2050 Mobile Processor, Socket 479 Dual core architecture with 2048kB shared L2 cache Low power consumption: Thermal Design Power (TDP) = max. 31W Core clock: 1.6 GHz Front side bus (FSB): 553MHz Yonah core, 65nm technology Supports Enhanced Intel Speedstep Technology (EIST) Supports Execute Disable Bit (XD)
Chipset	Northbridge: Intel 945GT (GMCH), Southbridge: ICH7M-DH
Harddisk	500 GB, Serial ATA 3 GBit/s
External HDD Enclosure	USB-Harddisk Enclosure with USB port: for one 2.5" Parallel-ATA harddisk to use as a removable secondary drive. The 2.5" harddisk is not included.
Optical drive	4X DVD Dual-Drive (Loader) with Dual Layer support, 2MB Buffer Write mode: 4X DVD±R, 2X DVD±R/W Read mode: 6X DVD-ROM, supports Dual Format and Dual Layer, 12X CD-ROM/CD-R/CD-RW
Memory	2 GB DDR2-667, SO-DIMM
PCI-Express Graphics card	Graphics Processor NVIDIA GeForce 7600 GS Expansion slot: PCI Express X16 Memory: 256MB DDR2, 128-bit data width GPU Clock Speed 450 MHz, RAMDAC Speed 400 MHz Max. Screen Resolution: 2560 x 1600 Supports Direct X9.0 Shader Model 3.0 and OpenGL 2.0 Video out: D-Sub VGA (analog), DVI-I (digital), TV (S-Video/Composite) and Component Video output S-Video and Composite: up to 1024x768 resolution at 60 Hz

Two Hybrid Tuner Cards	2x Hauppauge WinTV-HVR-1300 (PCI) Supports analog cable TV with FM stereo radio or DVB-T (digital terristischer Empfang) Expansion slot definition: PCI 32 Bit Hardware MPEG-2 encoder: Built-in hi-quality hardware MPEG encoder, for the best system performance during TV recordings without additional CPU load Supports recordings from analog video sources into MPEG-1/MPEG-2 format Supports FM stereo radio, video text Connectors: TV signal input (analog cable or DVB-T), FM radio antenna input, S-Video input, Composite-Video input, Audio Line-IN (Stereo), IR receiver input Note regarding DVB-T: an antenna is required for the DVB-T reception which is similar to the traditional analog TV antennas. This antenna is not included.
VFD Media Display	Integrated Versatile front-panel display Displays the information you need right on the front of your XPC compliant to MS Windows XP Media Center Edition 2005 VFD with AWAY mode function
8-ch Audio with S/PDIF	7.1 channel Intel HD Audio Sound High quality: max. 192kHz / 32-Bit Audio Codec: Realtek ALC880 Connectors: Line in, Line out (8ch), S/PDIF in/out (optisch), S/PDIF out (coaxial)
LAN	Gigabit Ethernet Network Controller Intel 82573L, supports up to 1000Mbit/s (Base-T) Supports Wake-on-Lan function
Wireless LAN	Integrated WLAN module, supports 802.11g (54 Mbit/s)
Card Reader	integrated multi-format 8-in-1 card reader (USB 2.0) supports CF I+II, SD, MD, SM, MMC, MS, MSP
Wireless keyboard	Shuttle MCE Wireless Keyboard with Scroll ball
Remote Control	Ergonomic, slim infrared remote control for easy operation. Compatible with Microsoft Media Center Edition (MCE) The IR receiver is integrated into the front panel of the media center
Front Panel I/O	2x USB 2.0 Microphone Headphone Firewire Mini-port 8-in-1 card reader Power Button Reset Button Wireless keyboard connect button

Back Panel I/O	Sub-D VGA out (analog) DVI out (digital) Optional HDMI adapter TV out (S-Video/Composite) Component Video Output 2x USB 2.0 1x Firewire (6 pin) GigaBit LAN (RJ45) Wireless LAN (54 MBit/s) incl. Antenna Digital Audio optical S/PDIF input Digital Audio optical S/PDIF output Digital Audio coaxial S/PDIF output Analog Audio 7.1 line-out (8 channel) Clear CMOS button
Power Supply	150W PSU with active PFC (Power Factor Correction) Input : 100~240V AC EMI Certified: FCC, CE, BSMI Safety Certified: UL, TÜV, CB
Accessories	Quick Installation Guide (DE, FR or UK) System Manual Media Center Software User Manual (DE, FR or UK) Warranty note Wireless keyboard with scroll ball and 4x AA batteries MCE Remote Control with 2x AAA batteries BNC coaxial splitter for TV with 2 adapter cables and adapters for TV card FM radio antenna with coaxial connector Wireless LAN antenna Power DVD 6 software with serial code DVI/VGA adaptor Infrared emitter cable (for settop box) D-Sub VGA cable S-video out cable 2.5" HDD external box with USB cable Analog audio cable (stereo, cinch)
Certi-fication	Designed for Microsoft Windows XP Professional FCC, CE, BSMI compliant
Warranty	24 Months Pick-Up-And-Return Service
Conformity	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