

HOME THEATER PC CHASSIS

Model: HTPC 1080P

Color: Black

Quick Installation Guide

(U.S. & Canada Only)
Version 1.0

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TECHNICAL SUPPORT

If a problem arises with your system and no solution can be obtained from this user guide, please contact your place of purchase or local dealer.

REVISION HISTORY

V 1.0 May, 2010

Note:

This user guide is designed to provide the user a quick reference for chassis setup. We assume you need the information regarding how to assemble the system, such as Motherboard, CPU, RAM Memory, Hard Drive, DVD ROM, Operating System..., etc. Based on this assumption, we make this user guide of quick installation guide. Please follow the description step by step to install the components. If you have any question in assembling the system, please refer your questions to the appropriate Technical Support of the component vendors.

Overview

Standard Components Equipped

- HTPC 1080P chassis
- 2 x 80mm silent case fan
- Front connectors (onboard connectors required)
 - USB 2.0 x 2; HD or AC97 MIC & HeadPhone x 1
 - All in one card reader x 1
- Tight cables, screws, installation guide

Other Suggested Components

- Window 7 / Vista Home Premium or Ultimate Operation System
- Micro ATX Motherboard
- ATX Power Supply
- CPU / Quiet Cooler (Low Profile due to limit on height)
- Hard Drive (SATA is **recommended**)
- RAM Memory
- Optical Drive (DVD Burner is **recommended**)
- Keyboard with trackball (nMEDIAPC 2.4GHz RF wireless keyboard is **recommended**)



Suggested upgrades

- 20X2 nMEDIAPC programmable LCD module
- Low Profile Sound Card
- Low Profile Video Graphic Card (Fanless model is **recommended**)
- Low Profile TV Tuner Card (MCE certified is **recommended**)

Installation Flowchart (Basic Procedures)

- Open box → Remove top cover → Read installation guides → Remove optical drive bracket → Install motherboard → Install LCD Module if you have bought one → Connect front interface cables → Install CPU & Cooler → Install DIMM memory module → Install hard drives & optical drive → Install power supply → Connect power cables → Re-install optical drive bracket → Replace top cover

Installation Tools

Screw driver / Screws / Tight cables / Installation guides

Installation Tips:

1. Use the special made hard drive noise reduction screws to install hard drive.



2. Do not perform cable management until your system is fully configured. This will make the cable management a better smooth procedure.
3. Do not install optional upgrade, i.e. video card, TV tuner card etc. Use everything on board (video & sound) to configure system and install operation system. After then, install the upgrades one by one and restart the system on every step to ensure component compatibility and save times of troubleshooting when issue arises.
4. To ensure front access ports and card reader work properly, check cable connection accuracy & Bios setting if needed.
5. Case fans are super quiet. If you hear abnormal loud noise, take off the fan to hear the noise again to ensure not fan defectiveness, then re-install with properly screw installation to achieve minimum noise.

Step 1: Remove top cover and remove the optical drive bracket

1. Take off the 2 finger screws and move the top cover backward to take off. Put it aside on a safety place.
2. Take off the two screws that hold the optical/hard drive bracket. Push a little backward then raise it up.
3. Note the arrow pointing is the front "F" facing when slotting back the rack after installing the optical drive & hard drive.

Step 2: Install Motherboard and connect cables



(Reference only)

1. Follow motherboard user manual to connect cables, CPU, memory etc...
2. Install power supply, intake fan facing down

Step 3: Install Hard Drive and Optical Drive

1. Install Optical Drive first. See picture 1 below.
2. Install hard drives. You can install up to 3 hard drives in this model. But, you have to follow the exact sequence to install them. First, install the hard drive in the same level as Optical drive. See picture 2. Then, use the two slots that are under the bracket. See picture 3 below. If you don't follow, the bottom drives will block the screw holes for the upper drive slots.



(Pic 1)



(Pic 2)



(Pic 3)




3. Install Optical Drive Bracket back to the case
 4. Put the bracket in the slot hole that will hold it in 110 degree angel, connect cables and the power cords for the hard drive and optical drive
 5. Lock the bracket
 6. Connect power supply cords
- See below sample picture.



Step 4: Connect Cables

Following your motherboard user guide to:

| | | |
|---|--------------|---|
| | <p>NoPin</p> | <p>Connect Card Reader & USB Ports</p> <ul style="list-style-type: none"> • There is one <u>10</u> pins USB connector for the front two USB port. And a <u>4</u> pins header for the card reader • Match the pin label (on connector) and your board user guide USB port layout for accuracy. Red wire is always = "+5V"; Black = "GND" |
| <p style="text-align: center;">USB 2.0</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Black (GND) 8</p> </div> <div style="text-align: center;"> </div> </div> | | |
| | | <p>Connect HD Audio Port</p> <p>Check your board to see if it has HD onboard port that supports HD audio</p> <ul style="list-style-type: none"> • If yes, plug the HD connector to your HD onboard audio port • If no, plug it to your AC 97 chipset onboard audio port using the Y tale connector |
| <p style="text-align: center;">HD AUDIO</p> | | |

| | |
|---|--|
|  | <ul style="list-style-type: none"> • Connect Power Switch connector to your onboard port • Connect Reset Switch connector to your onboard port |
|  | <p>LCD Module</p> <p>If you purchase the LCD programmable module. Simply take off the black label that blocks the LCD window, install it behind the panel. No need to take off the panel, just take out the Optical bracket, you can install the module directly inside the case.</p> |
|  | <p>Organize the cables with provided tied cables.</p> <p>See picture for reference.</p> |

Step 5: Other Component Installation

For other components, including hard drive connection; RAM; CPU & cooler; optical drive, operating system, video card, sound card, TV tuner card and power supply connection etc., follow the user manuals and motherboard manual instruction.

Specifications

| | |
|--|---|
| Model | HTPC 1080P |
| Color | Black |
| Dimension | Case: 17"(W) x 4"(H w/ feet) x 16.3"(D w/ panel) Metal Chassis: 17"(W) x 3.9"(H) x 15.4" (D) |
| Material | Aluminum & Steel Case |
| Motherboard | Support Micro-ATX |
| Power Supply | Support ATX PSU (not included) |
| Drive Bays | External 5.25" Bay x 1 Internal 3.5" Bay x 3 |
| Expansions | 4 Slots / Low Profile |
| Cooling | 80mm Silent Case Fan x 2 |
| Front Connection | High Definition Audio x 2 (support AC 97) All in one Card Reader (SDHC 2.0 compliance - high capacity & speed) USB 2.0 x 2 |
| LCD Display (Optional, not included) | 20X2 Programmable LCD display module with Internal USB connector, support all Window, Window Media Center Edition, Vista and Vista Media Center Edition operating system. |

Reference

Visit our website for more detail installation in PDF format.

http://www.nmediapc.com/HTPC_1080/Quick_Guide_1080P.pdf

Technical Support: support@nmediapc.com

Safety Instructions

- Always read the step by step installation instruction to protect your components
- Keep the user guide for future reference
- Keep away from humidity, liquid and temperature above 60c (140 f) environment
- Make sure the voltage of the power supply and adjust properly 110/230V
- Always unplug the power cord before inserting any add-on devices

Get the system checked by service personnel if below happens:

- The power cable is damage
- Liquid has penetrated into the system
- Dropped and damaged

RMA Return Policy

- All accessories and cables must be returned as they were shipped
- Carefully re-packaging is needed to avoid shipping damages
- All warranties are subject to properly uses. Any human power damages return may be rejected according to warranty terms and conditions

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