

HOME THEATER PC CHASSIS

Model: HTPC 2800B

HTPC Chassis 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 June, 2013

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 2800B chassis
- 2x 120mm silent case fans
- Front connectors (onboard connectors required)
 - USB 2.0 x 1; USB 3.0 X 1
 - HD Audio MIC & HeadPhone x 1
- Tight cables, screws, installation guide

Other Suggested Components

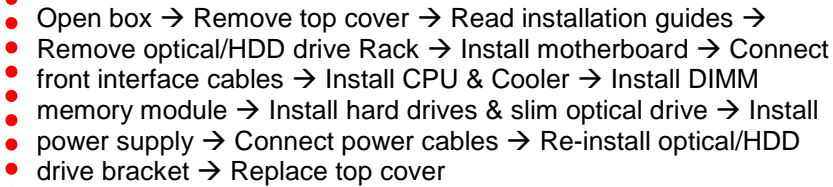
- Window Home Premium or Ultimate Operation System
- Mini iTX ~ ATX Motherboard
- ATX Power Supply
- CPU / Quiet Cooler
- Hard Drive (SATA is **recommended**)
- RAM Memory
- **Slim** Optical Drive (DVD/BluRay Burner is **recommended**)
- HTPC Keyboard with trackball (nMEDIAPC 2.4GHz RF wireless keyboard is **recommended**)



Suggested upgrades

- Sound Card
- Video Graphic Card (Fanless model is **recommended**)
- TV Tuner Card (MCE certified is **recommended**)

Installation Flowchart (Basic Procedures)

- 
- Open box → Remove top cover → Read installation guides →
 - Remove optical/HDD drive Rack → Install motherboard → Connect front interface cables → Install CPU & Cooler → Install DIMM memory module → Install hard drives & slim optical drive → Install power supply → Connect power cables → Re-install optical/HDD drive bracket → Replace top cover

Installation Tools

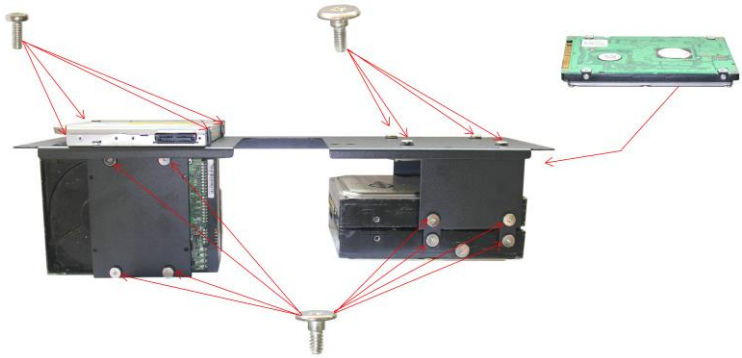
Screw driver / Screws / Tight cables / Installation guides

Installation Tips:

1. This case **ONLY** supports slim optical drive.
2. Use the special made hard drive noise reduction screws to install hard drive(s)
3. Do not perform cable management until your system is fully configured. This will make the cable management a better smooth procedure.
4. Do not install optional upgrade, i.e. video 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.
5. Case fan is 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.

Step 1: Remove top cover; remove the optical / HDD drive rack

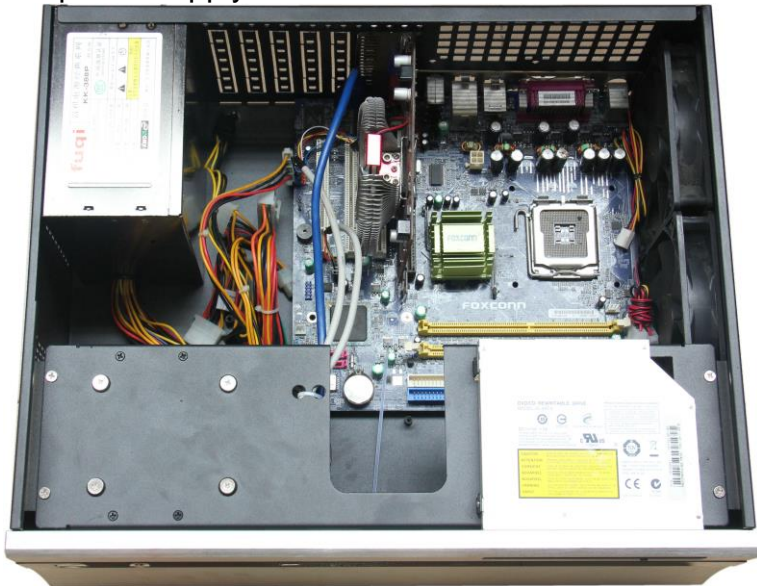
1. Take off the top cover; put it aside on a safety place
2. Take off the optical / HDD drive rack
3. Install HDDs and Slim Optical drive as referenced picture 1 in below. The rack can support 4 x 3.5" HDD; 1 x 2.5" SSD or notebook drive; and 1 x Slim Optical Drive



Pic. 1

Step 2: Install Motherboard and connect cables

1. Install motherboard as referenced picture 2 in below
2. Follow motherboard user manual to connect cables, install CPU, memory and PCI cards etc...
3. Install power supply




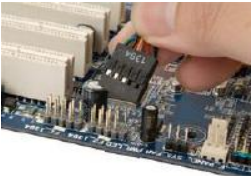
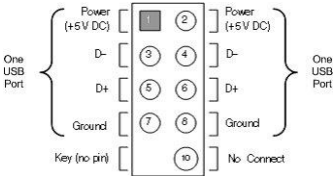



Pic. 2

Step 3: Re-Install Optical / HDD Rack

1. Re-install the rack

Step 4: Connect Cables

Following your motherboard & PSU user guide to connect cables

 <p>Compatible with the motherboards onboard 19-pin USB 3.0 connector</p>	<p>Connect USB 3.0 cable to the onboard USB 3.0 port</p> <ul style="list-style-type: none"> Onboard USB 3.0 port is required) 	
		<p>Connect USB 2.0 port to the onboard USB 2.0 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 	
	<ul style="list-style-type: none"> Connect Power Switch connector to your onboard port Connect Reset Switch connector to your onboard port Connect HDD Power Switch connector to your onboard port 	
	<p>Organize the cables with provided tied cables. 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 motherboard manual instruction.

Specifications

<u>Model</u>	HTPC 2800B
<u>Color</u>	Black Steel Body & Black Aluminum Panel
<u>Dimension</u>	Case: 17"(W) x 6.14"(H) x 13.8"(D)
<u>Material</u>	Steel & Aluminum
<u>Motherboard</u>	Support (up to) ATX
<u>Power Supply</u>	Support ATX PSU (not included)
<u>Drive Bays</u>	External 5.25" Bay x 1 (Slim Laptop/Notebook Drive Only) Internal 3.5" Bay x 4 Internal 2.5" Bay x 1 (SSD or Notebook drive)
<u>Expansions</u>	7 Slots / Full Height & Length Card(s)
<u>Cooling</u>	120mm Case Fan x 2
<u>Front Connection</u>	USB 2.0 x1 & USB 3.0 x1 (Onboard port only) High Definition Audio x 2 (support AC 97) LCD Static Display ("Home Theater PC")

Reference

Visit our website for more detail installation in PDF format.

<http://www.nmediapc.com/HTPC 2800B/Quick Guide 2800B.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