Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Dpofirs Dpofirs2gsotwhvpu

Dpofirs B75-S ATX Motherboard User Manual

Model: Dpofirs2gsotwhvpu

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Dpofirs B75-S ATX Motherboard. This motherboard is designed for Intel E3 V1/V2 LGA1155 series CPUs, featuring 4xDDR3 memory slots, multiple USB 3.0 and 2.0 ports, and PCIe slots for expansion. It is built with robust components to ensure stable performance and longevity.

2. Safety Information

Please read and understand all safety precautions before installing or operating the motherboard. Improper handling can lead to damage to the product or personal injury.

- Always disconnect power from your computer before installing or removing any components.
- Handle the motherboard by its edges to avoid touching sensitive components.
- Use anti-static precautions (e.g., anti-static wrist strap) to prevent electrostatic discharge (ESD) damage.
- Ensure proper ventilation within your computer case to prevent overheating.
- If you find the product damaged, deformed, or exhibiting abnormal performance, cease use immediately and contact the manufacturer or seller.



Image Description: A warning graphic with an exclamation mark icon. Text in multiple languages advises users to stop using the product immediately and contact support if it is damaged, deformed, or shows abnormal performance. The English warning states: "If you find the product damaged, deformed or abnormal performance, please stop using it immediately and contact us."

3. Product Features

The Dpofirs B75-S ATX Motherboard offers a range of features designed for reliable computing performance:

- **DDR3 Memory Slots:** Equipped with 4xDDR3 memory slots, supporting up to 64GB memory capacity for enhanced system performance.
- **Output Interfaces:** Features HD multimedia interface, VGA, and DVI interfaces for versatile display connectivity and powerful graphics processing.
- **Gigabit Ethernet Support:** Integrated Gigabit Ethernet for high-speed network performance, ideal for gaming and demanding network applications.
- **Front USB 3.0 Interface:** Includes front USB 3.0 ports for 10x faster data transfer speeds compared to USB 2.0.
- **All Solidly Capacitors:** Utilizes all solid-state capacitors for improved stability and extended motherboard lifespan.

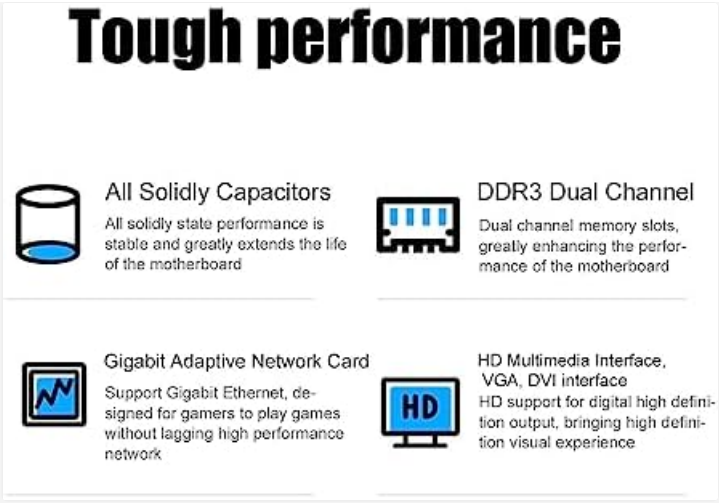

Image Description: A graphic illustrating the "Tough performance" features of the motherboard, including icons and brief descriptions for "All Solidly Capacitors," "DDR3 Dual Channel," "Gigabit Adaptive Network Card," and "HD Multimedia Interface."

4. Setup and Installation

Follow these steps to properly install your Dpofirs B75-S ATX Motherboard into your computer system.

4.1. Pre-Installation Checklist

- Ensure your computer case is compatible with ATX form factor motherboards.
- Gather necessary tools: Phillips head screwdriver, anti-static wrist strap.
- Verify you have a compatible CPU (Intel E3 V1/V2 LGA1155 series) and DDR3 RAM modules.
- Unpack the motherboard carefully, handling it by the edges.



Image Description: The Dpofirs B75-S ATX Motherboard laid flat, accompanied by its metal I/O shield and a black SATA data cable, showing the components included in the package.

4.2. Motherboard Installation

1. **Prepare the Case:** Install the I/O shield into the rear opening of your computer case.
2. **Install the Motherboard:** Carefully align the motherboard with the standoffs in your case and gently lower it into place. Secure it with screws.
3. **Install CPU:** Open the CPU socket lever, align the CPU (LGA 1155) with the triangle marker on the socket, gently place it in, and close the lever. Apply thermal paste and install the CPU cooler.
4. **Install RAM:** Open the clips on the DDR3 memory slots. Align the RAM modules with the notch and press firmly until the clips snap into place.
5. **Connect Power:** Connect the 24-pin ATX main power connector and the 4-pin ATX CPU power connector from

your power supply to the motherboard.

6. **Connect Storage:** Connect your SATA storage devices (HDDs/SSDs) to the SATA 3.0 interfaces on the motherboard.
7. **Connect Front Panel:** Connect the front panel headers (power switch, reset switch, HDD LED, power LED, USB 2.0/3.0, audio) to the corresponding pins on the motherboard. Refer to the motherboard diagram for pin locations.
8. **Install Expansion Cards:** Insert any PCIe expansion cards (e.g., graphics card) into the appropriate PCIe 16X or PCIe 1X slots and secure them.

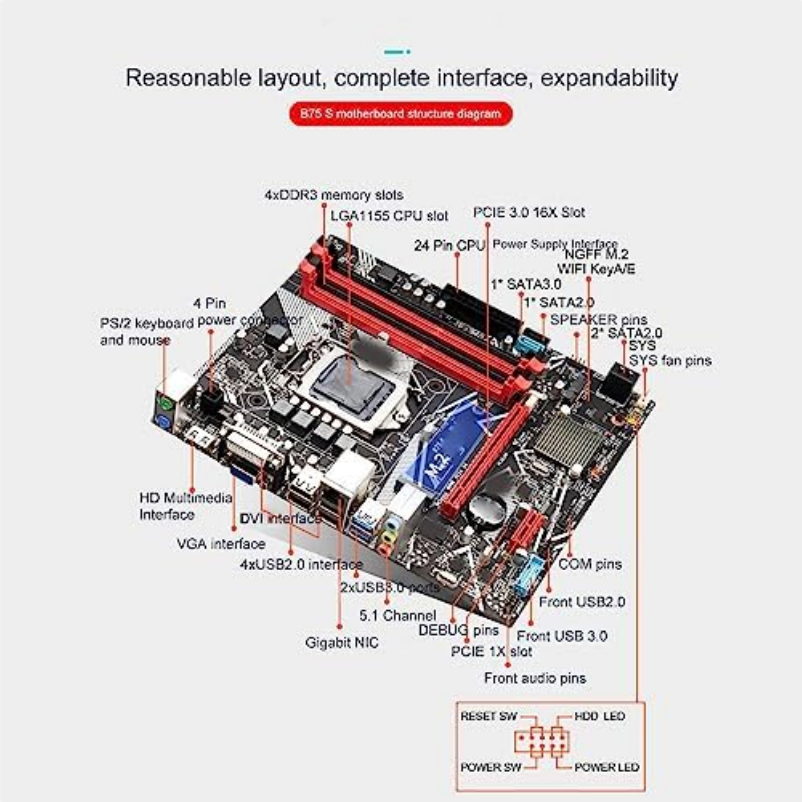

Image Description: A comprehensive diagram of the B75-S motherboard, labeling all key components and connectors such as DDR3 memory slots, LGA1155 CPU slot, PCIe slots, SATA ports, USB ports, power connectors, and front panel headers. This image helps in identifying connection points.

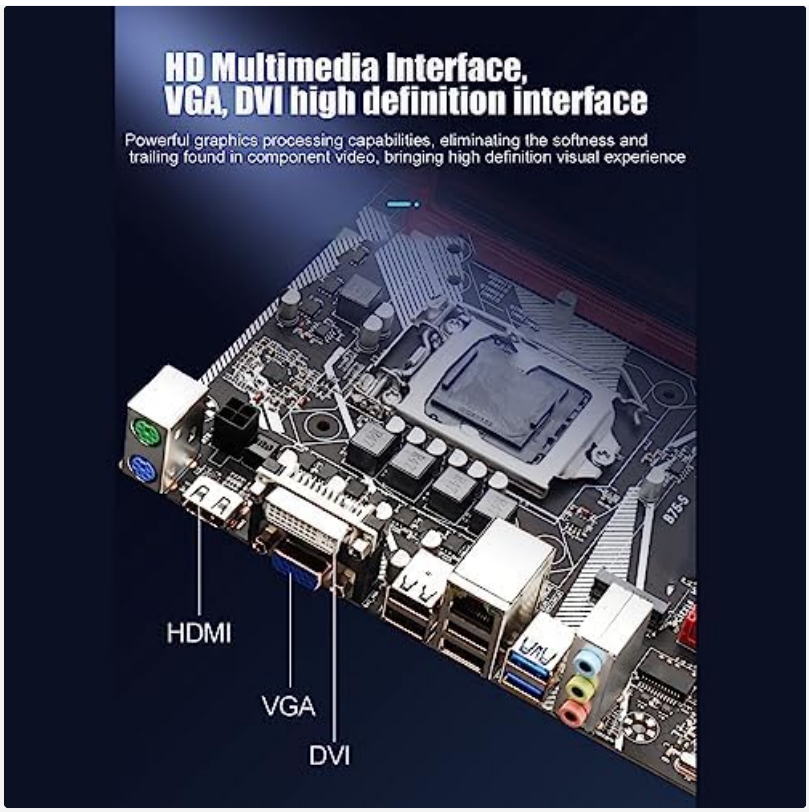

Image Description: A close-up view of the motherboard's rear input/output (I/O) panel, highlighting the HD Multimedia Interface (HDMI), VGA, and DVI ports, indicating its versatile display output capabilities.

5. Operating Instructions

Once the motherboard is installed and all components are connected, you can power on your system.

5.1. First Boot

1. Connect your monitor, keyboard, and mouse to the appropriate ports on the rear I/O panel.
2. Connect the power cord to your power supply and turn on the power supply switch.
3. Press the power button on your computer case.
4. The system should boot and display the BIOS/UEFI screen. You may need to press a key (e.g., DEL, F2) to enter the BIOS setup.

5.2. BIOS/UEFI Configuration

The BIOS (Basic Input/Output System) or UEFI (Unified Extensible Firmware Interface) allows you to configure system settings. Common settings include:

- **Boot Order:** Set the boot priority for your operating system drive.
- **Date and Time:** Adjust the system clock.
- **SATA Mode:** Configure SATA controller mode (e.g., AHCI for SSDs).
- **Memory Settings:** Verify RAM frequency and timings.

Save changes and exit the BIOS/UEFI to continue with operating system installation.

6. Maintenance

Proper maintenance ensures the longevity and stable operation of your motherboard.

- **Dust Removal:** Regularly clean dust from inside your computer case, especially from heatsinks and fans, using

compressed air. Ensure the system is powered off and unplugged before cleaning.

- **BIOS Updates:** Check the manufacturer's website for BIOS/UEFI updates. Updates can improve compatibility, stability, and performance. Follow update instructions carefully to avoid damaging the motherboard.
- **Component Checks:** Periodically check all cable connections to ensure they are secure.

7. Troubleshooting

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
System does not power on.	Loose power connections, faulty power supply, incorrect front panel wiring.	Check 24-pin and 4-pin ATX power connectors. Verify front panel power switch connection. Test power supply.
No display on monitor.	Incorrect display cable connection, faulty graphics card (if dedicated), RAM not seated correctly.	Ensure monitor cable is securely connected to the correct port. Reseat RAM modules. Test with a known good graphics card or use integrated graphics if available.
System reboots unexpectedly.	Overheating, unstable power, faulty RAM.	Check CPU cooler installation and fan operation. Ensure adequate case ventilation. Test RAM modules individually.
USB devices not recognized.	Loose USB header connection, driver issues, faulty device.	Verify front panel USB 2.0/3.0 header connections. Install latest chipset drivers. Test device on another port or computer.

8. Specifications

Detailed technical specifications for the Dpofirs B75-S ATX Motherboard:

- **Motherboard Model:** B75-S
- **Motherboard Type:** ATX
- **Motherboard Size:** Approx. 223.5 x 195mm (8.8 x 7.7in)
- **CPU Socket Type:** LGA 1155 (for E3 V1/V2 series CPUs)
- **Chipset Type:** Intel B75 Express
- **Memory Slots:** 4 x DDR3
- **Maximum Memory Capacity:** Up to 64GB
- **Memory Clock Speed:** 2400 MHz (Max)
- **Graphics Card Slot:** 1 x PCIe 16X (supports expansion graphics card)
- **Expansion Slots:** 1 x PCIe 1X
- **NIC:** Gigabit NIC
- **Hard Disk Interface:** SATA 3.0 (supports SATA interface)
- **USB Ports:** 4 x USB 3.0, 6 x USB 2.0
- **Power Supply:** 24PIN, ATX 4PIN
- **Compatible Devices:** Personal Computer
- **Platform:** Windows 10 (compatible)
- **Item Weight:** 1.7 pounds

9. Warranty and Support

Warranty information for the Dpofirs B75-S ATX Motherboard is typically provided by the seller or manufacturer at the time of purchase. Please refer to your purchase documentation or contact the seller directly for specific warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding product defects, please contact Dpofirs customer support through their official channels or the retailer from whom you purchased the product. You can visit the Dpofirs Store for more information:Dpofirs Official Store

10. Additional Resources

While no official product videos from the seller were found in the provided data, you may find community-created content or general PC building guides helpful for visual assistance with installation and setup. Always ensure any external resources are reputable and align with safety guidelines.

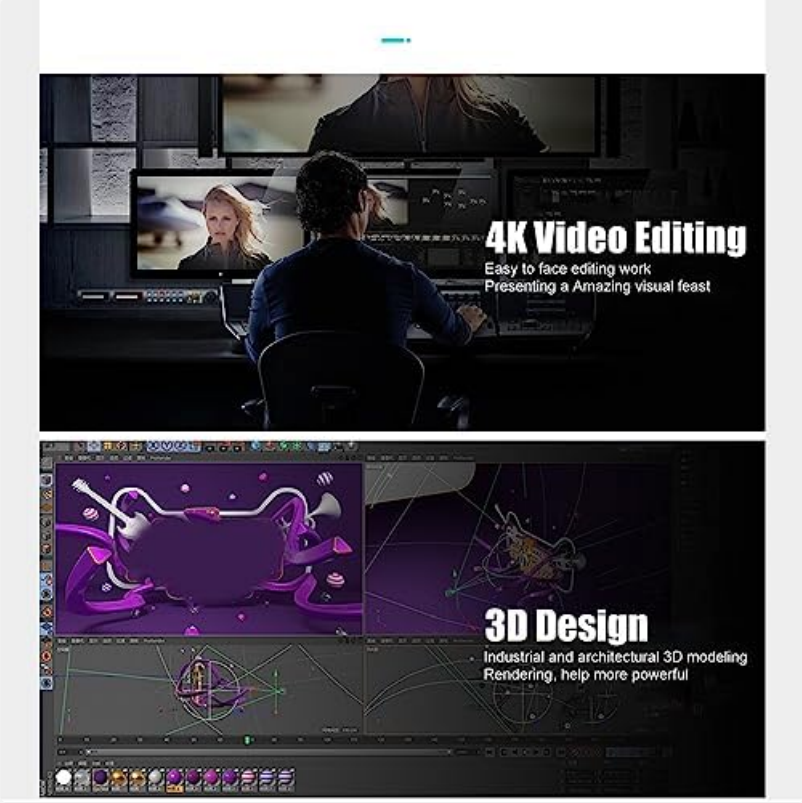

Image Description: Two illustrative panels. The top panel shows a person engaged in 4K video editing on multiple monitors, labeled "4K Video Editing." The bottom panel displays a complex 3D model in a software interface, labeled "3D Design," suggesting the motherboard's suitability for demanding creative tasks.

© 2024 Dpofirs. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CBV792VN

More documents and user manuals: **https://manuals.plus/**