

[Manuals.plus](#) /

› [Dpofirs](#) /

› Dpofirs LGA 2011 X79 Pro Motherboard User Manual

Dpofirs Dpofirs69gb1safk7

Dpofirs LGA 2011 X79 Pro Motherboard User Manual

Model: Dpofirs69gb1safk7

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Dpofirs LGA 2011 X79 Pro Motherboard. Please read this manual thoroughly before proceeding with installation to ensure proper setup and functionality.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect power from your computer before installing or removing any components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle the motherboard by its edges to avoid touching sensitive components.
- Ensure proper ventilation within your computer case to prevent overheating.
- Do not expose the motherboard to moisture or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Dpofirs DDR3 Motherboard (LGA 2011 X79 Pro)
- 1 x Metal I/O Plate
- 1 x SATA Connecting Wire

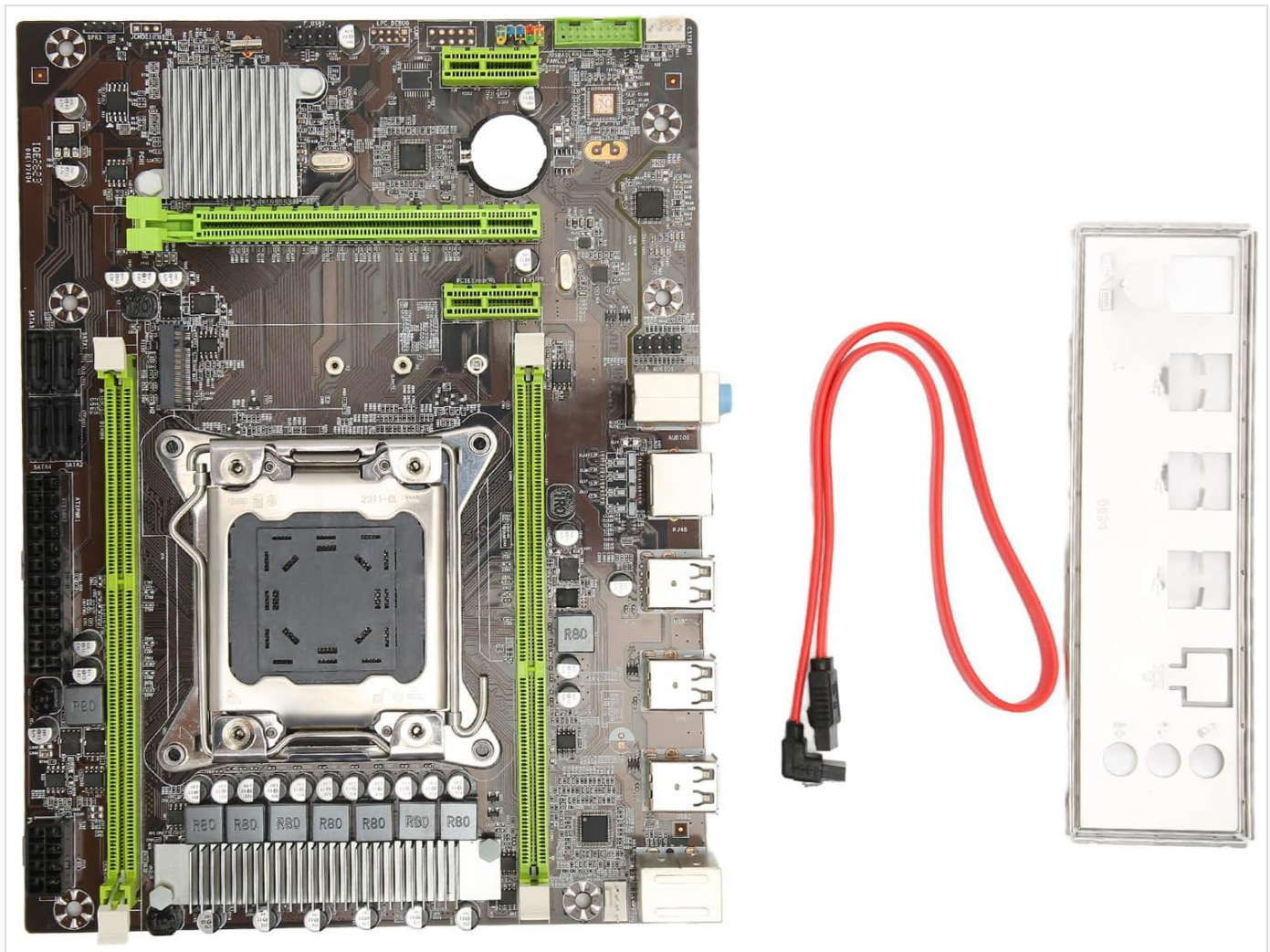


Image: The Dpofirs LGA 2011 X79 Pro Motherboard shown alongside its included metal I/O shield and a red SATA data cable.

4. MOTHERBOARD LAYOUT AND COMPONENTS

Familiarize yourself with the key components and connectors on the motherboard.

Motherboard Layout

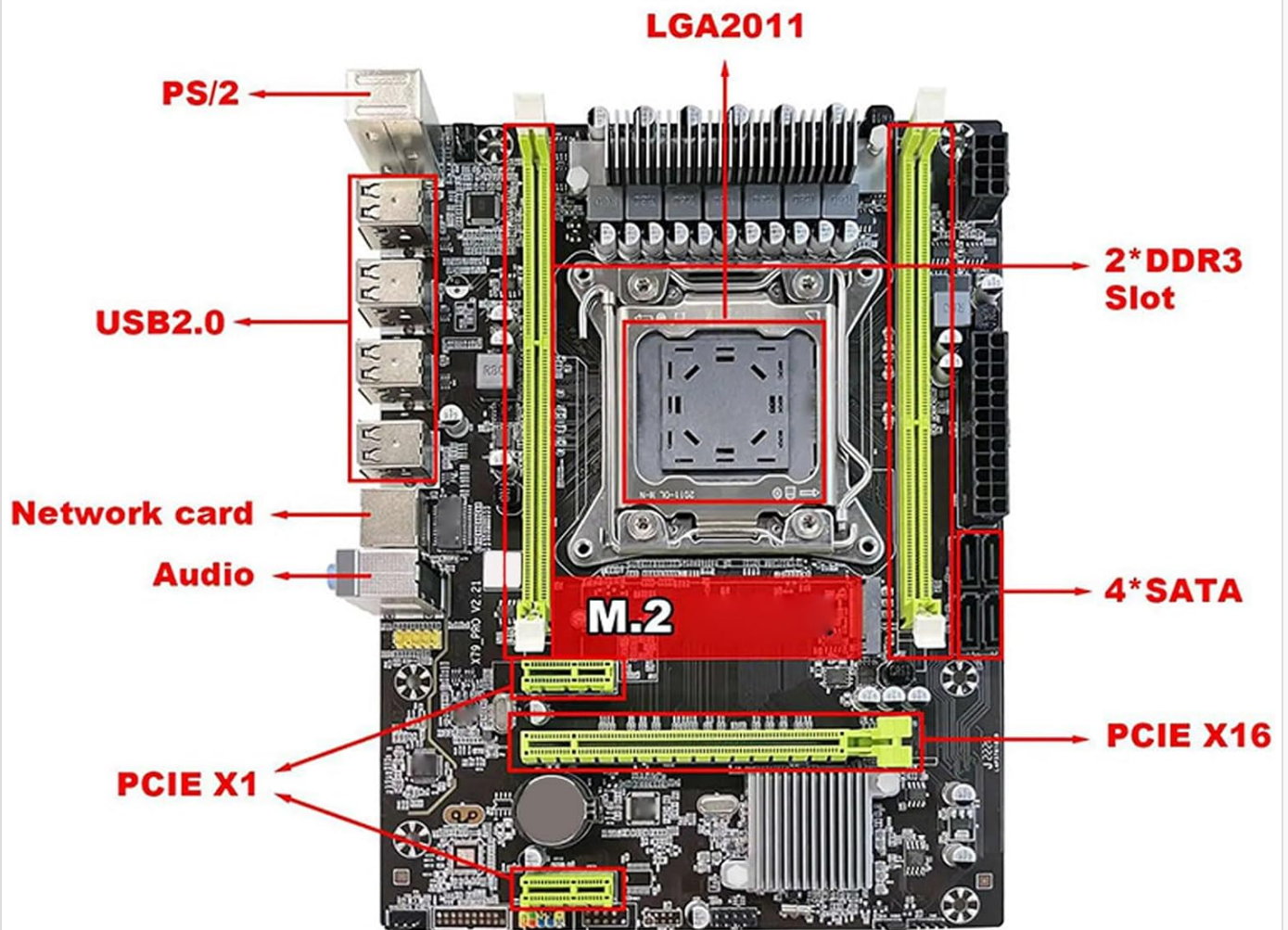


Image: A diagram illustrating the layout of the Dpofirs X79 Pro motherboard, highlighting the LGA 2011 CPU socket, 2 DDR3 RAM slots, PS/2 port, USB 2.0 ports, network card port, audio ports, 4 SATA ports, PCIe X16 slot, and PCIe X1 slot.

- **LGA 2011 CPU Socket:** For Intel LGA 2011 V1/V2 processors.
- **DDR3 Memory Slots (2):** Supports dual-channel DDR3 1333/1600MHz memory, up to 16GB per slot.
- **PCIe X16 Slot (1):** For graphics cards.
- **PCIe X1 Slot (1):** For expansion cards.
- **SATA 2.0 Ports (4):** For connecting storage devices.
- **USB 2.0 Ports (6 rear, 1 internal pin header):** For connecting USB peripherals.
- **PS/2 Interface (1):** For legacy keyboard or mouse.
- **24-Pin ATX Power Connector:** Main power input.
- **8-Pin EPS/CPU Power Connector:** CPU power input.

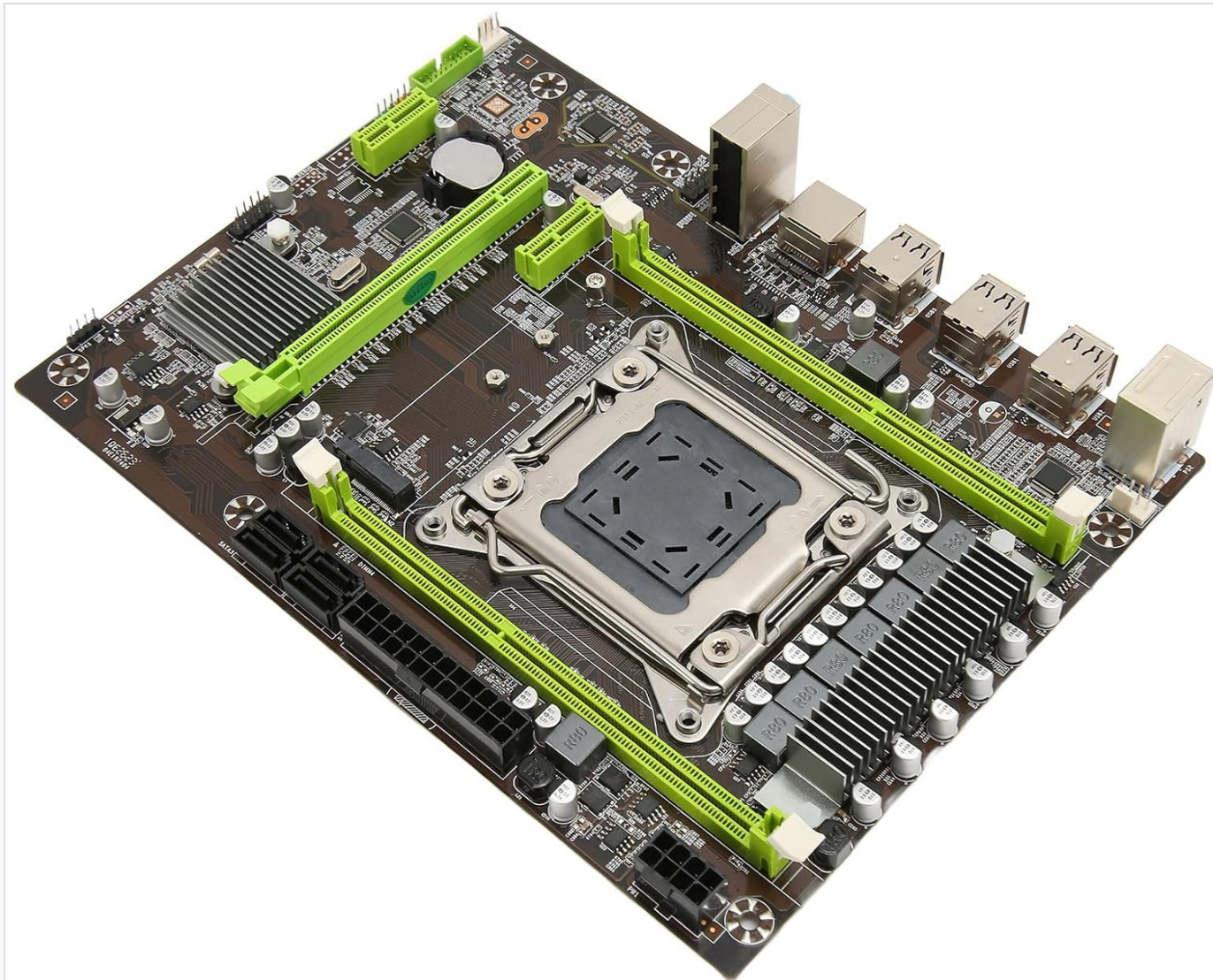


Image: An overhead perspective of the Dpofirs X79 Pro motherboard, displaying the CPU socket, RAM slots, PCIe slots, and various I/O ports.

5. SPECIFICATIONS

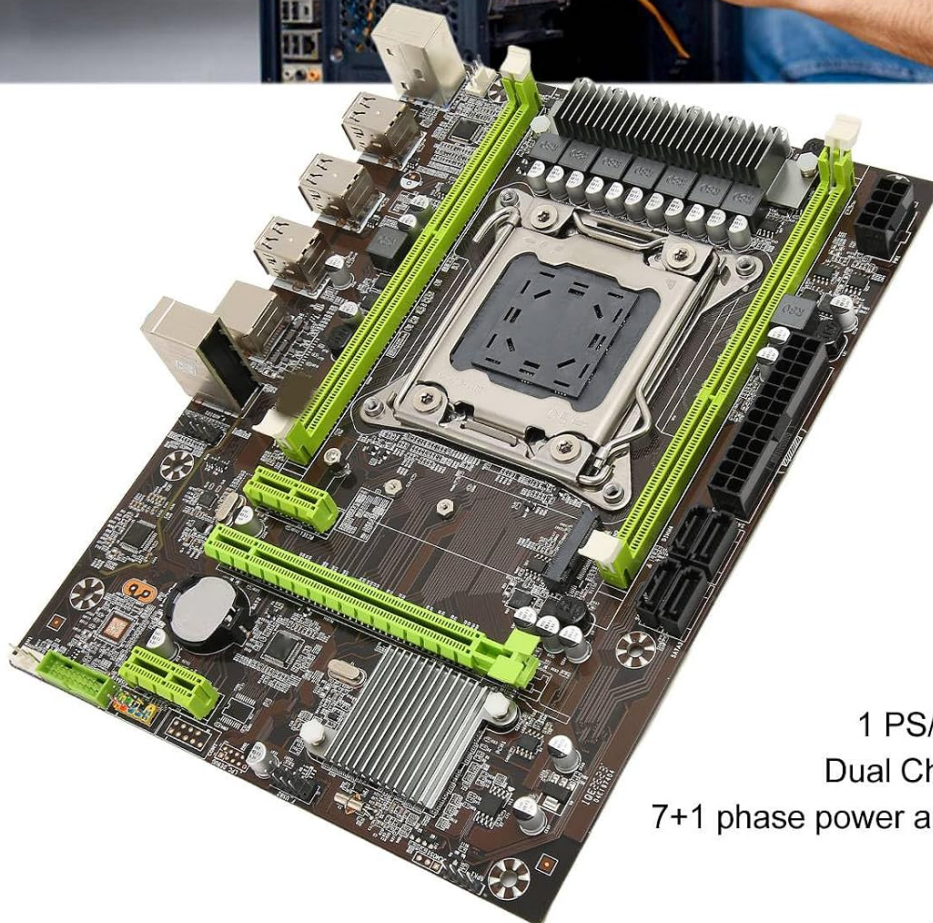
Feature	Detail
CPU Socket	LGA 2011 (V1/V2)
Compatible CPUs	Intel Xeon E5 2640, E5 2650, E5 2660, E5 2670, E5 2680 (V1/V2)
Memory Slots	2 x DDR3 (Dual Channel)
Memory Type	DDR3 1333/1600MHz (Supports RECC or common memory, not mixed)
Max Memory Capacity	16GB per slot, 32GB total
SATA Interfaces	4 x SATA 2.0
USB Interfaces	6 x USB 2.0 (rear), 1 x USB 2.0 Pin header (internal)
Graphics Card Slot	1 x PCIe X16
Expansion Slots	1 x PCIe X1

Feature	Detail
PS/2 Interface	1 x PS/2 (Keyboard/Mouse)
Power Phase	7+1 Phase Reinforced Power
Power Connectors	24-Pin ATX, 8-Pin EPS
Material	Printed Circuit Board, Metal
Inbuilt Battery	CR2032L x 1 240mAh

6. SETUP AND INSTALLATION

Follow these general steps for installing your motherboard and essential components:

- 1. Prepare the Case:** Install the I/O shield into the rear opening of your computer case.
- 2. Install the Motherboard:** Carefully place the motherboard into the case, aligning the screw holes. Secure it with screws.
- 3. Install the CPU:**
 - Open the CPU socket retention arm.
 - Align the CPU with the socket (match the golden triangle/notch).
 - Gently place the CPU into the socket without forcing it.
 - Close the retention arm to secure the CPU.
 - Apply thermal paste to the CPU IHS (Integrated Heat Spreader).
- 4. Install the CPU Cooler:** Mount your LGA 2011 compatible CPU cooler according to its manufacturer's instructions. Ensure proper contact and secure fastening.
- 5. Install RAM:**
 - Open the clips on both ends of the DDR3 memory slots.
 - Align the memory module with the slot, ensuring the notch on the module matches the key in the slot.
 - Press down firmly on both ends of the memory module until the clips snap into place.
- 6. Connect Power:**
 - Connect the 24-pin ATX power cable from your power supply to the motherboard.
 - Connect the 8-pin EPS/CPU power cable from your power supply to the motherboard.
- 7. Install Graphics Card (Optional):** Insert your graphics card into the PCIe X16 slot and secure it with a screw. Connect PCIe power cables if required by the graphics card.
- 8. Connect Storage Devices:** Use SATA cables to connect your hard drives or SSDs to the SATA 2.0 ports on the motherboard. Connect power cables from the power supply to these devices.
- 9. Connect Front Panel Cables:** Connect the power switch, reset switch, HDD LED, power LED, and front panel USB/audio headers to their respective pins on the motherboard. Refer to the motherboard layout diagram for pin locations.



1 PS/2 interface
Dual Channel DDR3
7+1 phase power and 24Pin power interface

Image: A detailed view of the motherboard's power and data interfaces, including the 24-pin ATX power, 8-pin CPU power, and four SATA 2.0 ports.

7. OPERATING INSTRUCTIONS

After successful installation, follow these steps to operate your system:

1. **Initial Boot:** Connect your monitor, keyboard, and mouse. Power on the system.
2. **BIOS/UEFI Setup:** Press the designated key (usually DEL or F2) during startup to enter the BIOS/UEFI settings.
 - Set the correct date and time.
 - Configure boot order to install your operating system from a USB drive or optical disc.
 - Save changes and exit.
3. **Operating System Installation:** Follow the on-screen prompts to install your preferred operating system.
4. **Driver Installation:** After OS installation, install all necessary drivers for the motherboard chipset, graphics card, audio, and network. These are typically provided on a CD/DVD or available for download from component

manufacturers' websites.

8. MAINTENANCE

Regular maintenance helps ensure the longevity and stable performance of your motherboard:

- **Dust Removal:** Periodically clean dust from inside your computer case using compressed air. Pay attention to heatsinks and fans.
- **BIOS Updates:** Check the manufacturer's website for BIOS updates. Only update if necessary and follow instructions carefully.
- **Component Checks:** Ensure all cables are securely connected and no components are loose.
- **Temperature Monitoring:** Use software to monitor CPU and system temperatures to prevent overheating.

9. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power supply is switched on and connected to a working outlet.
 - Verify all power cables (24-pin ATX, 8-pin EPS) are securely connected to the motherboard.
 - Check front panel power switch connection.
- **No Display:**
 - Confirm the monitor is connected to the graphics card (not the motherboard, as this board does not have integrated graphics).
 - Reseat the graphics card and RAM modules.
 - Test with a different monitor or graphics card if possible.
- **System Instability/Crashes:**
 - Check CPU and GPU temperatures.
 - Ensure RAM is correctly installed and compatible.
 - Verify all drivers are up to date.
 - Run memory diagnostic tools.
- **Peripheral Issues (USB, SATA):**
 - Ensure devices are properly connected.
 - Check device manager for driver issues.
 - Test with different ports or devices.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the retailer or manufacturer's official website. Keep your proof of purchase for warranty claims.

Manufacturer: Dpofirs

Model: Dpofirs69gb1safk7

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/B0CHSHBLYL>

More documents and user manuals: <https://manuals.plus/>