

## JGINYUE X99 TITANIUM D4

# JGINYUE X99 Titanium D4 Motherboard User Manual

Model: JGINYUE X99 TITANIUM D4

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of the JGINYUE X99 Titanium D4 LGA 2011-V3 DDR4 ATX Motherboard. Please read this manual thoroughly before beginning installation to ensure proper setup and optimal performance.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions when handling computer components:

- Disconnect the power cord from the wall outlet before touching any component.
- Wear an anti-static wrist strap or frequently touch a grounded metal object to discharge static electricity.
- Handle components by their edges to avoid touching sensitive circuitry.
- Keep components away from liquids and extreme temperatures.
- Ensure proper ventilation within your PC case.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your motherboard package:

- JGINYUE X99 Titanium D4 Motherboard
- I/O Shield
- SATA Cables (quantity may vary)
- User Manual (this document)
- Driver CD/USB (if included)

If any items are missing or damaged, contact your retailer immediately.

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the layout and key components of the JGINYUE X99 Titanium D4 motherboard.



Figure 4.1: Angled view of the JGINYUE X99 Titanium D4 Motherboard, showcasing the CPU socket, RAM slots, and heatsinks.



Figure 4.2: Top-down view of the JGINYUE X99 Titanium D4 Motherboard, highlighting the LGA 2011-V3 CPU socket, DDR4 memory slots, and various expansion slots.



Figure 4.3: Angled view of the JGINYUE X99 Titanium D4 Motherboard, focusing on the PCI Express slots and the CMOS battery location.



Figure 4.4: Rear I/O panel of the JGINYUE X99 Titanium D4 Motherboard, displaying various ports including USB, Ethernet, and audio jacks.

## 5. SETUP AND INSTALLATION

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### 5.1 Installing the CPU

1. Locate the LGA 2011-V3 CPU socket on the motherboard.
2. Gently push down the load lever and pull it out to open the socket.

3. Carefully align the CPU with the socket, ensuring the gold triangle on the CPU matches the triangle on the socket.
4. Lower the CPU straight down into the socket without forcing it.
5. Close the load plate and push the load lever back into place until it clicks.

## 5.2 Installing the CPU Cooler

Follow the instructions provided with your CPU cooler for proper installation. Ensure even pressure when mounting to prevent damage to the CPU or socket.

## 5.3 Installing Memory (RAM)

1. Open the clips at both ends of the DDR4 memory slots.
2. Align the notch on the DDR4 memory module with the key in the memory slot.
3. Press down firmly on both ends of the memory module until the clips snap into place.

## 5.4 Installing Expansion Cards (PCI-E)

1. Remove the metal slot cover from your PC case corresponding to the desired PCI-E slot.
2. Align the expansion card with the PCI-E slot and press down firmly until it is securely seated.
3. Secure the card with a screw to the PC case.

## 5.5 Connecting Storage Devices

Connect your SATA storage devices (HDDs/SSDs) to the SATA ports on the motherboard using SATA data cables. Connect the power cables from your power supply to the devices.

## 5.6 Connecting Power Supply

1. Connect the 24-pin ATX power connector from your power supply to the main power connector on the motherboard.
2. Connect the 8-pin (or 4+4-pin) CPU power connector to the CPU power socket near the CPU.

## 5.7 Connecting Front Panel Connectors

Refer to the motherboard's silkscreen labels for correct connection of front panel headers (Power SW, Reset SW, HDD LED, Power LED, USB, Audio).

# 6. OPERATING THE MOTHERBOARD

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## 6.1 First Boot

After all components are installed and connected, connect your monitor, keyboard, and mouse. Power on your system. The system should display the BIOS/UEFI splash screen.

## 6.2 BIOS/UEFI Setup

To enter the BIOS/UEFI setup utility, press the designated key (commonly DEL or F2) during the boot process. Here you can configure system settings, boot order, and monitor hardware status.

## 6.3 Driver Installation

After installing your operating system, install the necessary drivers for the motherboard chipset, LAN, audio, and any other integrated components. These are typically provided on a driver CD/USB or can be downloaded from the manufacturer's website.

## 7. MAINTENANCE

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

- **Dust Removal:** Periodically clean dust from the motherboard and components using compressed air. Ensure the system is powered off and unplugged.
- **BIOS Updates:** Check the manufacturer's website for BIOS/UEFI updates. Update only if necessary and follow instructions carefully.
- **Cable Management:** Ensure cables are neatly routed to improve airflow and prevent interference.

## 8. TROUBLESHOOTING

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If you encounter issues, consider the following common troubleshooting steps:

- **No Power:** Check all power connections (24-pin ATX, 8-pin CPU, GPU). Ensure power supply is switched on.
- **No Display:** Verify monitor connection, ensure GPU is properly seated and powered. Try reseating RAM modules.
- **System Instability/Crashes:** Check CPU and GPU temperatures. Reseat RAM. Run memory diagnostic tools.
- **Peripheral Not Detected:** Ensure devices are properly connected. Check BIOS/UEFI settings for port enablement.
- **Clear CMOS:** If the system fails to boot or behaves erratically after configuration changes, clear the CMOS by removing the CMOS battery for 5-10 minutes or using the designated jumper (refer to motherboard diagram).

## 9. SPECIFICATIONS

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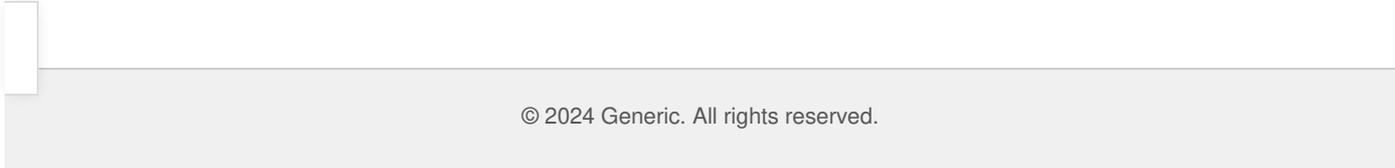
Detailed technical specifications for the JGINYUE X99 Titanium D4 Motherboard:

Feature	Specification
Brand	Generic
Model Name	Titanium D4
CPU Socket	LGA 2011-V3
Compatible Processors	Intel Xeon
Chipset Type	Intel X99
RAM Memory Technology	DDR4
Memory Slots Available	2
Memory Storage Capacity (Max)	256 GB
Memory Clock Speed	2133 MHz
Graphics Card Interface	PCI, PCI Express
Form Factor	ATX
Total USB Ports	5
Main Power Connector Type	24-Pin

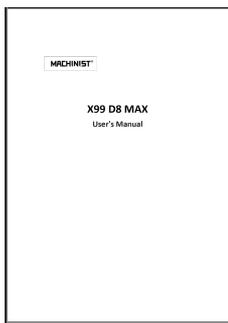
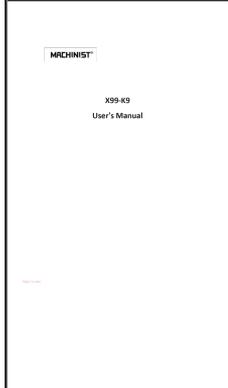
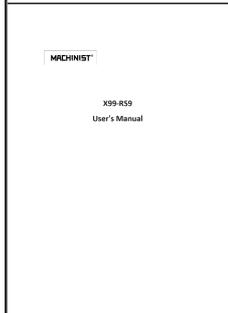
Platform	Windows 10
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## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided by your retailer or contact the point of purchase. Keep your proof of purchase for warranty claims.



### Related Documents - JGINYUE X99 TITANIUM D4

 <p>MACHINIST X99 D8 MAX User's Manual</p>	<p><a href="#">MACHINIST X99 D8 MAX User's Manual</a></p> <p>This user manual provides detailed information and instructions for the MACHINIST X99 D8 MAX motherboard, covering specifications, component overview, installation procedures for CPU, memory, and expansion cards, back panel and internal connectors, BIOS setup, and troubleshooting.</p>
 <p>MACHINIST X99-K9 User's Manual</p>	<p><a href="#">MACHINIST X99-K9 Motherboard User Manual</a></p> <p>User manual for the MACHINIST X99-K9 Motherboard, detailing specifications, component overview, installation instructions for CPU, fan, memory, expansion cards, and connectors, as well as BIOS setup.</p>
 <p>MACHINIST X99-RS9 User's Manual</p>	<p><a href="#">MACHINIST X99-RS9 Motherboard User Manual</a></p> <p>Comprehensive user manual for the MACHINIST X99-RS9 motherboard, detailing specifications, component overview, installation guides for CPU, fan, memory, and expansion cards, back panel connectors, internal connectors, BIOS setup, and troubleshooting.</p>

<p><b>MACHINIST</b></p> <p>X99-MR9A-PRO User's Manual</p>	<p><a href="#">MACHINIST X99-MR9A-PRO User Manual</a></p> <p>User manual for the MACHINIST X99-MR9A-PRO motherboard, covering specifications, component overview, installation instructions for CPU, memory, and expansion cards, back panel connectors, internal connectors, and BIOS setup.</p>
<p>X99 Dual-CPU Motherboard Dual CPU Installation Instructions</p> <p>I. Preparation Before Installation</p> <p>(A) Accessory Inspection</p> <p>1. Please be aware that the X99 Dual-CPU Motherboard is a high-end product. Before using it, please check the accessories and components provided in the package to ensure they are complete and undamaged. If any accessories or components are missing or damaged, please contact the local distributor or the manufacturer for assistance.</p> <p>2. Please check the CPU, memory, and expansion cards to ensure they are compatible with the motherboard. For more information, please refer to the respective user manuals or the manufacturer's website.</p> <p>3. Please check the power supply to ensure it meets the requirements of the motherboard. For more information, please refer to the power supply user manual or the manufacturer's website.</p> <p>4. Please check the case to ensure it has enough space and airflow for the motherboard and components. For more information, please refer to the case user manual or the manufacturer's website.</p> <p>(B) Tool Preparation</p> <p>1. Please prepare the necessary tools for the installation, including a screwdriver, a torque wrench, and a static discharge kit.</p>	<p><a href="#">X99 Dual-CPU Motherboard Installation Guide</a></p> <p>This guide provides detailed instructions for installing an X99 Dual-CPU Motherboard, covering essential preparation steps, the installation process for all major components like CPUs, memory, coolers, storage, and power supply, as well as post-installation checks.</p>
<p>X99-RS9 用户手册</p>	<p><a href="#">MACHINIST X99-RS9 Motherboard User Manual</a></p> <p>Comprehensive user manual for the MACHINIST X99-RS9 motherboard, covering specifications, installation guides for CPU, RAM, expansion cards, internal/external connectors, BIOS settings, and troubleshooting.</p>