

Yoidesu X99 F2

Yoidesu X99 F2 E-ATX Motherboard User Manual

Model: X99 F2 (Yoidesu6cp28vge4b)

INTRODUCTION

Welcome to the user manual for the Yoidesu X99 F2 E-ATX Motherboard. This document provides essential information for the proper installation, operation, and maintenance of your motherboard. Please read this manual thoroughly before proceeding with installation to ensure optimal performance and longevity of your system.

TECHNICAL SPECIFICATIONS

Feature	Specification
Item Type	DDR4 Motherboard
Material	PCB
Built-in Battery	CR2032x1 240mAh
Motherboard Model	X99 F2
Motherboard Type	E ATX
CPU Socket Type	LGA2011 V3 V4
Compatible Processors	Intel Core i3/i5/i7/i9 (LGA2011 V3 V4), Intel Xeon E5 v3, v4, v5
Chipset Type	Intel X99
Memory Slots	8 x DDR4

Feature	Specification
Max Memory Capacity	256GB
Graphics Card Slot	2 x PCIe 16X
NIC	2 x Gigabit Adaptive NIC
HDD Interface	10 x SATA3.0, 1 x M.2 NVME Interface
Display Interface	PS/2 Keyboard and Mouse
Power Connector	2 x 8-pin, 1 x 24-pin
USB Interface	USB3.0 x 6, USB2.0 x 6 (Front USB3.0 x 2, USB2.0 x 2)
Expansion Interface	3 x PCIe 1X, 1 x COM Pins
Item Weight	3.73 pounds
Package Dimensions	14.17 x 13.78 x 3.15 inches
Platform	Windows XP (Minimum OS compatibility)

SETUP AND INSTALLATION

This section guides you through the physical installation of the Yoidesu X99 F2 E-ATX Motherboard into your computer chassis and connecting essential components.

1. Preparation

- Ensure your power supply is disconnected from the wall outlet.
- Work on a clean, static-free surface. Use an anti-static wrist strap if available.
- Gather necessary tools: screwdriver, thermal paste (for CPU), and cable ties.

2. Installing the CPU

Locate the LGA2011 V3 V4 CPU sockets on the motherboard.

1. Open the CPU socket retention mechanism.
2. Carefully align the CPU with the socket, ensuring the triangular markers match. Do not force the CPU into the socket.
3. Close the retention mechanism to secure the CPU.
4. Apply a thin, even layer of thermal paste to the top of the CPU.



Image: Overview of the Yoidesu X99 F2 E-ATX Motherboard, showing the dual CPU sockets and memory slots.

3. Installing Memory (RAM)

The motherboard supports 8xDDR4 memory modules.

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

X99 Dual F2 motherboard

DDR4x8 memory slots, on board M.2 high speed hard drive interface
Support dual for Xeon V3V4 processors, support dual graphics cards crossfire dual Gigabit network card high performance network

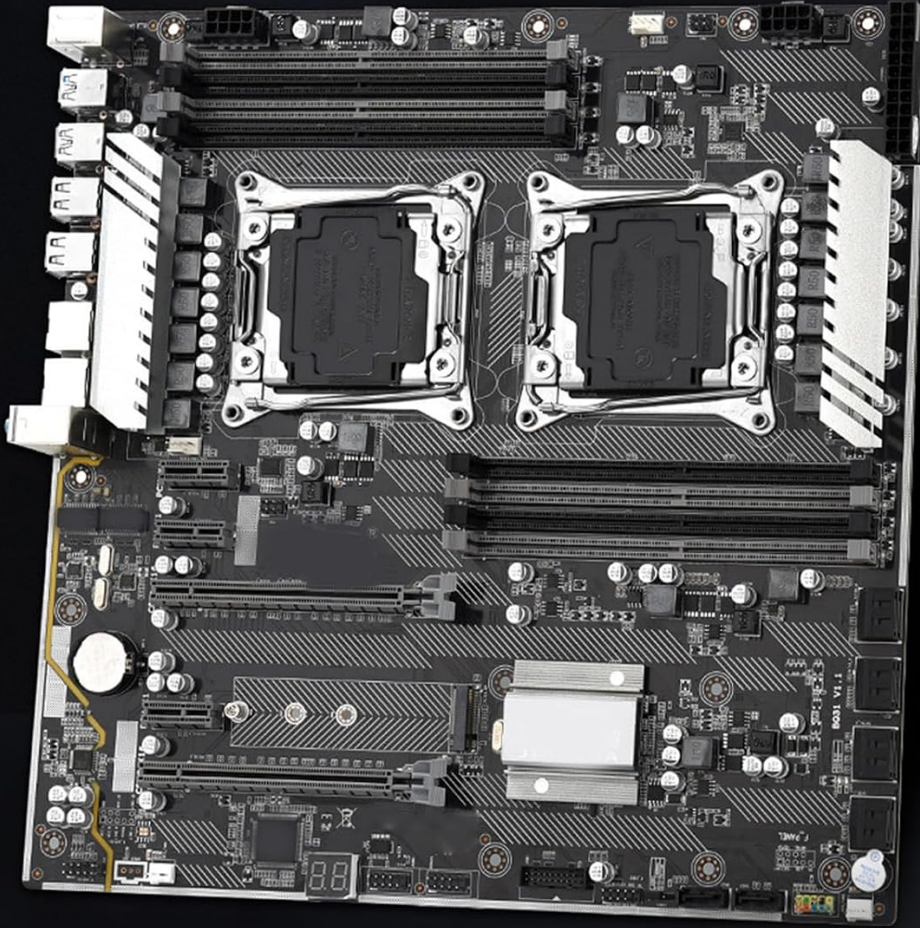


Image: The X99 F2 motherboard with its 8 DDR4 memory slots and dual CPU sockets clearly visible.

4. Installing Storage Devices (M.2 NVME / SATA)

The motherboard features one M.2 NVME interface and ten SATA3.0 interfaces.

1. **M.2 NVME SSD:** Locate the M.2 slot. Insert the M.2 SSD at an angle and then gently push it down, securing it with the provided screw.
2. **SATA Drives:** Connect your SATA SSDs or HDDs to the SATA3.0 ports using SATA data cables. Connect the power cables from your power supply to the drives.

Full speed M.2 interface

PCIe NVME4 3.0 full speed, boot new speed
No waiting for speed

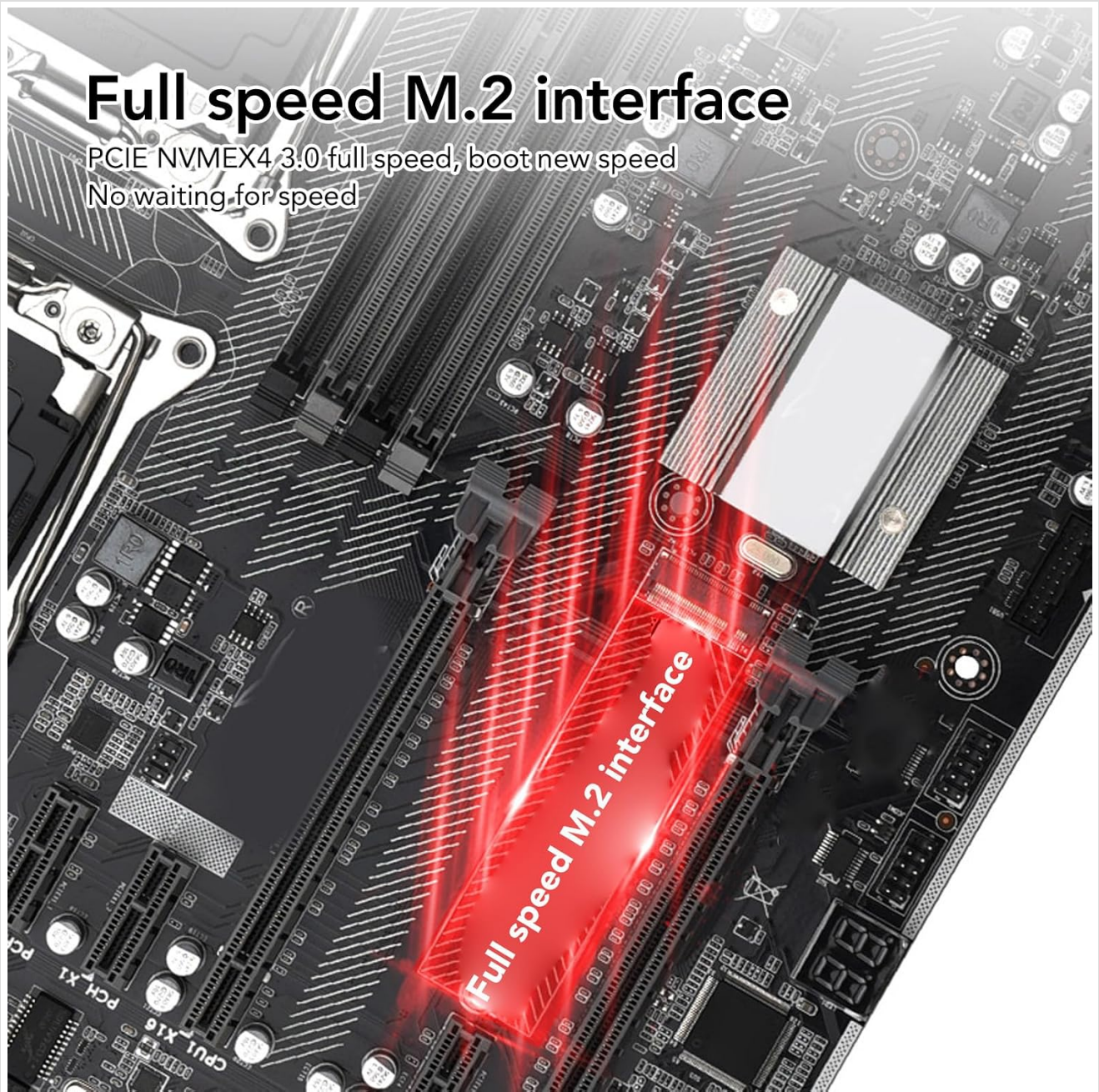


Image: The full-speed M.2 NVME interface on the motherboard.

5. Installing Graphics Cards (PCIe)

The motherboard supports two PCIe 16X graphics cards.

1. Open the retention clip at the end of the PCIe 16X slot.
2. Align your graphics card with the slot and press down firmly until it is fully seated and the retention clip snaps into place.
3. Secure the graphics card to your chassis with screws.
4. Connect any necessary PCIe power cables from your power supply to the graphics card(s).

Dual card crossfire support

When dual graphics cards are crossfired, the high performance of the processor can be brought into full play, greatly enhancing the performance and running speed of the computer

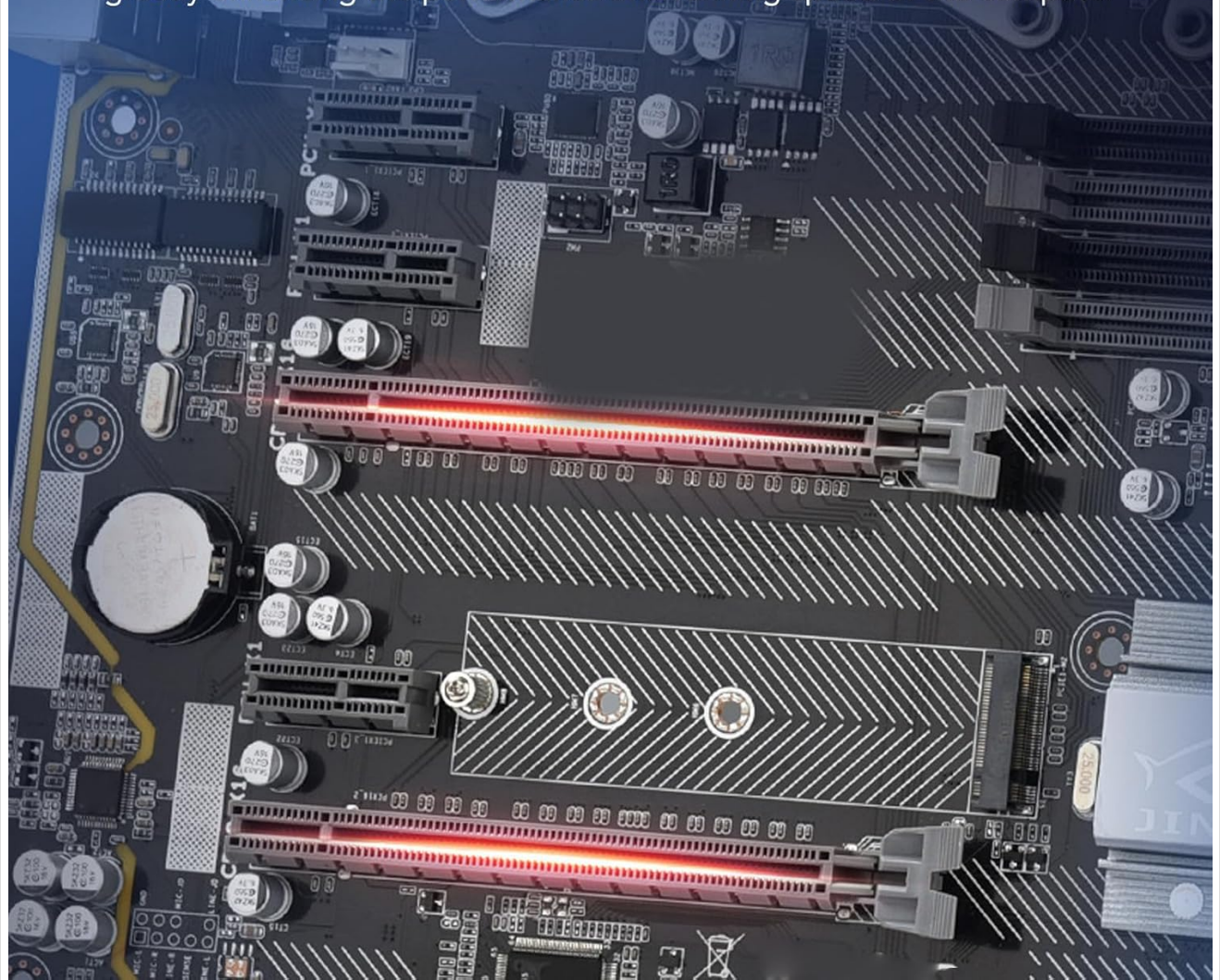


Image: The PCIe 16X slots, illustrating support for dual graphics card configurations.

6. Connecting Power Supply

Connect the 24-pin ATX power connector and the two 8-pin CPU power connectors from your power supply to the corresponding ports on the motherboard.

7. Connecting Front Panel Headers

Refer to the motherboard diagram to connect the front panel headers (power button, reset button, HDD LED, power LED, front USB, front audio) to their respective pins.

Reasonable layout, complete interface, expandability

X99 dual way F2 motherboard structure diagram

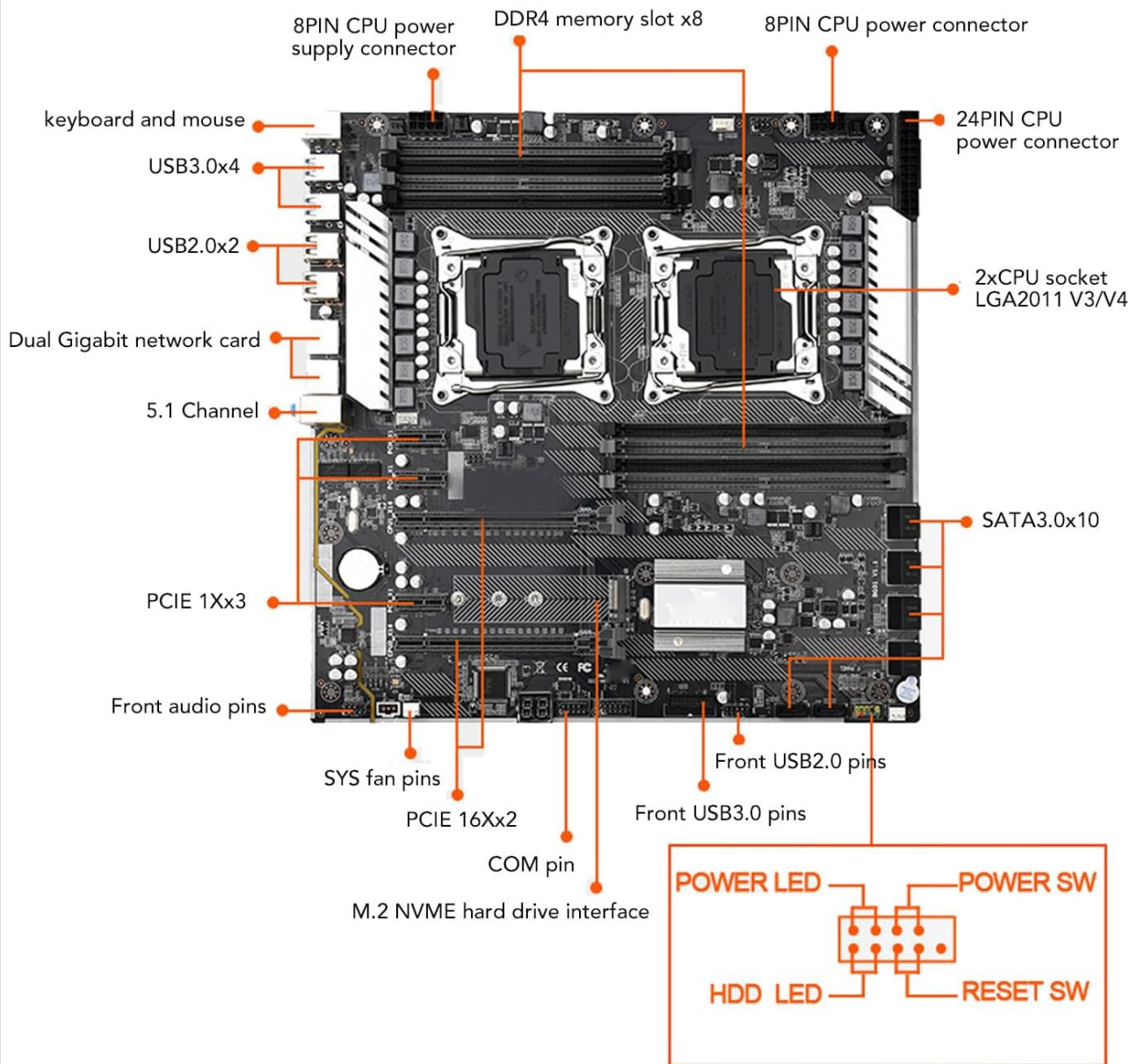


Image: Motherboard structure diagram with labeled components and connectors.

OPERATING INSTRUCTIONS

Initial Boot-up

1. After all components are installed and connected, connect your monitor, keyboard, and mouse.
2. Connect the power supply to a wall outlet and turn on the power.
3. Press the power button on your computer case.
4. The system should boot to the BIOS/UEFI interface or begin the operating system installation process.

BIOS/UEFI Configuration

To enter the BIOS/UEFI setup, typically press the **DEL** or **F2** key during the initial boot sequence. Here you can configure boot order, system time, and other advanced settings.

Digital Diagnostic Function

The motherboard includes a digital diagnostic function (POST code display) that shows a two-digit code during boot-up. This code can help identify hardware issues if the system fails to boot. Refer to the motherboard's specific POST code list for detailed explanations.

MAINTENANCE

- **Dust Removal:** Regularly clean dust from the motherboard and components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Firmware Updates:** Periodically check the manufacturer's website for BIOS/UEFI updates. Follow the update instructions carefully to avoid system instability.
- **Cable Management:** Ensure cables are neatly routed to improve airflow and prevent interference.
- **Environmental Conditions:** Operate the motherboard in a well-ventilated area with stable temperature and humidity to prevent overheating and component degradation.

TROUBLESHOOTING

No Power / No Boot

- Check all power connections (24-pin ATX, 8-pin CPU, GPU power).
- Ensure the power supply is switched on and connected to a working outlet.
- Verify front panel power button connection.
- Try booting with minimal components (CPU, one RAM stick, GPU if no integrated graphics).

No Display

- Ensure the monitor is connected to the graphics card (not the motherboard, unless integrated graphics are used).
- Check graphics card power connections.
- Reseat the graphics card and memory modules.
- Test with a different monitor or display cable.

System Instability / Crashes

- Check CPU and GPU temperatures. Ensure cooling solutions are properly installed.
- Run memory diagnostic tools to check for faulty RAM.
- Update BIOS/UEFI and drivers to the latest versions.
- Verify power supply wattage is sufficient for all components.

POST Code Errors

If the digital diagnostic display shows an error code, consult the motherboard's specific POST code manual (often available on the manufacturer's support website) to identify the issue.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Yoidesu website. Keep your proof of purchase for warranty claims.

Visit the [Yoidesu Store on Amazon](#) for more products and support.

PACKAGE CONTENTS

The following items are included with your Yoidesu X99 F2 E-ATX Motherboard:

- 1 x Mainboard (with Inbuilt Battery)
- 1 x Metal Plate
- 1 x Connection Cable
- 2 x Bracket
- 20 x Screw