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> Fujitsu Skylake H110 Mainboard User Manual

Fujitsu S26361-D3400-A100

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Model: S26361-D3400-A100

INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the Fujitsu Skylake H110 Mainboard, model S26361-D3400-A100. Please read this manual thoroughly before proceeding with any installation or operation to ensure proper functionality and safety.

PRODUCT OVERVIEW



Figure 1: Front view of the Fujitsu Skylake H110 Mainboard (S26361-D3400-A100). This image displays the general layout of the

motherboard, including various slots and connectors.

The Fujitsu Skylake H110 Mainboard is designed to support Intel Skylake processors, offering a reliable foundation for various computing needs. It features the H110 chipset, providing essential connectivity and expansion options for a desktop system.

SETUP AND INSTALLATION

Safety Precautions

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle the mainboard by its edges and avoid touching sensitive components or connectors.
- Ensure proper ventilation within the PC case to prevent overheating.

Component Installation Sequence

1. **Processor (CPU) Installation:** Carefully align the CPU with the socket and gently place it. Do not force the CPU into the socket. Secure the retention lever.
2. **CPU Cooler Installation:** Apply thermal paste (if not pre-applied) and install the CPU cooler according to its manufacturer's instructions. Connect the CPU fan cable to the designated header on the mainboard.
3. **Memory (RAM) Installation:** Open the DIMM slot clips. Align the RAM module notch with the slot key. Insert the module firmly until the clips snap into place. This mainboard supports 2 memory slots.
4. **Mainboard Installation into Case:** Install the I/O shield into the case. Align the mainboard with the standoffs in the PC case and secure it with screws.
5. **Power Supply Connections:** Connect the 24-pin ATX power connector and the 4-pin or 8-pin CPU power connector from the power supply to the mainboard.
6. **Storage Device Connections:** Connect SATA data cables from storage drives (HDDs/SSDs) to the SATA ports on the mainboard. Connect power cables from the power supply to the drives.
7. **Expansion Card Installation (Optional):** Insert graphics cards or other PCIe expansion cards into the appropriate slots and secure them.
8. **Front Panel Connections:** Connect the front panel headers (power button, reset button, USB, audio, LED indicators) to the corresponding pins on the mainboard. Refer to your PC case manual for pin assignments.

OPERATING INSTRUCTIONS

First Boot and BIOS Setup

- After assembling all components, connect the monitor, keyboard, and mouse.
- Power on the system. During the initial boot, press the designated key (usually **DEL**, **F2**, or **F10**) to enter the BIOS/UEFI setup utility.
- In the BIOS, verify that all installed components (CPU, RAM, storage drives) are detected correctly.
- Set the boot order to prioritize your operating system installation media (USB drive or DVD).
- Save changes and exit the BIOS. The system will restart.

Operating System Installation

Follow the instructions provided by your operating system (e.g., Windows, Linux) for installation. Ensure all necessary drivers for the mainboard chipset, audio, network, and other integrated components are installed after the OS is set up. Drivers can typically be found on the Fujitsu support website or the chipset manufacturer's website.

MAINTENANCE

- **Dust Removal:** Regularly clean dust from inside the PC case, especially from fans and heatsinks, using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **BIOS/UEFI Updates:** Periodically check the Fujitsu support website for updated BIOS/UEFI versions. Updates can improve stability, compatibility, and performance. Follow the update instructions carefully to avoid damaging the mainboard.
- **Driver Updates:** Keep your system drivers updated to ensure optimal performance and compatibility with new software and hardware.
- **Cable Management:** Ensure internal cables are neatly routed to improve airflow and prevent interference.

TROUBLESHOOTING

Common Issues and Solutions

- **No Power:**
 - Check if the power supply is connected correctly to the mainboard (24-pin ATX and CPU power).
 - Ensure the power supply switch is in the ON position.
 - Verify that the front panel power button cable is correctly connected to the mainboard header.
- **No Display:**
 - Ensure the monitor is connected to the correct video output (either integrated graphics or discrete graphics card).
 - Reseat the graphics card (if applicable) and RAM modules.
 - Check if the CPU power cable is securely connected.
- **System Instability/Crashes:**
 - Check CPU and GPU temperatures. Ensure adequate cooling.
 - Run memory diagnostic tools to check for faulty RAM.
 - Update mainboard drivers and BIOS/UEFI.
- **Storage Drive Not Detected:**
 - Verify SATA data and power cables are securely connected to both the drive and the mainboard/power supply.
 - Check BIOS settings to ensure SATA ports are enabled and drives are detected.

SPECIFICATIONS

Feature	Detail
Manufacturer	Fujitsu
Model Number	S26361-D3400-A100
ASIN	B07BNJMCL5
Date First Available	January 31, 2017
Memory Clock Speed	2133 MHz

Feature	Detail
Memory Slots Available	2
System Bus Standard Supported	SATA 3

WARRANTY AND SUPPORT

Specific warranty terms and conditions for the Fujitsu Skylake H110 Mainboard (S26361-D3400-A100) are not provided within this manual. For detailed warranty information, technical support, and driver downloads, please visit the official Fujitsu support website or contact your point of purchase.

It is recommended to register your product with Fujitsu, if applicable, to receive updates and support notifications.

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