Fujitsu Esprimo P558

Fujitsu Esprimo P558 Desktop PC User Manual

Model: Esprimo P558 | Brand: Fujitsu

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1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Fujitsu Esprimo P558 Desktop PC. Please read these instructions carefully before operating the device and retain them for future reference. This document covers initial setup, operational guidelines, maintenance procedures, troubleshooting common issues, and detailed technical specifications.

2. PRODUCT OVERVIEW

The Fujitsu Esprimo P558 is a reliable desktop PC designed for various computing tasks, featuring a compact tower form factor and robust internal components.

Key Features:

- Windows 10 Professional 64-bit operating system pre-installed with COA license.
- 9th Generation Intel Core i3-9300 Processor, with a base clock speed of 3.7 GHz and Turbo Boost up to 4.3 GHz (4 Cores, 4 Threads).
- 8 GB DDR4 RAM, expandable up to a maximum of 32 GB.
- 240 GB 2.5" SATA SSD for rapid operating system boot-up and application loading.
- Integrated Intel UHD Graphics 630.
- Compact dimensions: 18 x 31 x 37.5 cm.

Front View

FUJITSU

ESPRIMO

This image displays the front of the Fujitsu Esprimo P558, highlighting the optical drive bay, front USB ports, headphone and microphone jacks, and the main ventilation area.

Side View

This image provides an angled view of the PC, showcasing its tower design and side panel.

3. SETUP

Follow these steps to set up your Fujitsu Esprimo P558 Desktop PC.

3.1 Unpacking

Carefully remove the PC from its packaging. Ensure all accessories, such as the power cable, are present. Retain the packaging for future transport or service needs.

3.2 Connecting Peripherals

Identify the various ports on the rear of your PC to connect your monitor, keyboard, mouse, and other devices.

This image illustrates the rear panel of the Fujitsu Esprimo P558, detailing the power input, video outputs (DVI-D, DisplayPort), USB ports, LAN port, audio jacks, and PS/2 ports.

- **Monitor:** Connect your monitor to either the DVI-D or DisplayPort output. Use appropriate cables.
- **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB ports (USB 2.0 or USB 3.0). Alternatively, use the PS/2 ports for compatible devices.
- **Network:** Connect an Ethernet cable from your router or modem to the RJ-45 LAN port for wired internet access.
- **Audio:** Connect speakers or headphones to the audio output jack, and a microphone to the microphone input jack if needed.
- **Power:** Connect the power cable to the PC's power input and then to a grounded electrical outlet.

3.3 Initial Boot-up

Press the power button located on the front of the PC. The system will boot into Windows 10 Pro. Follow any on-screen instructions for initial setup, such as language selection and network configuration.

4. OPERATING THE PC

Your Fujitsu Esprimo P558 comes with Windows 10 Pro pre-installed, providing a familiar and versatile operating environment.

4.1 Front Panel Connections

- **Headphone Jack:** For connecting headphones.
- **Microphone Jack:** For connecting a microphone.
- **USB 2.0 Ports (x2):** For connecting USB devices such as keyboards, mice, or external storage.
- **USB 3.0 Ports (x2):** For connecting high-speed USB devices.
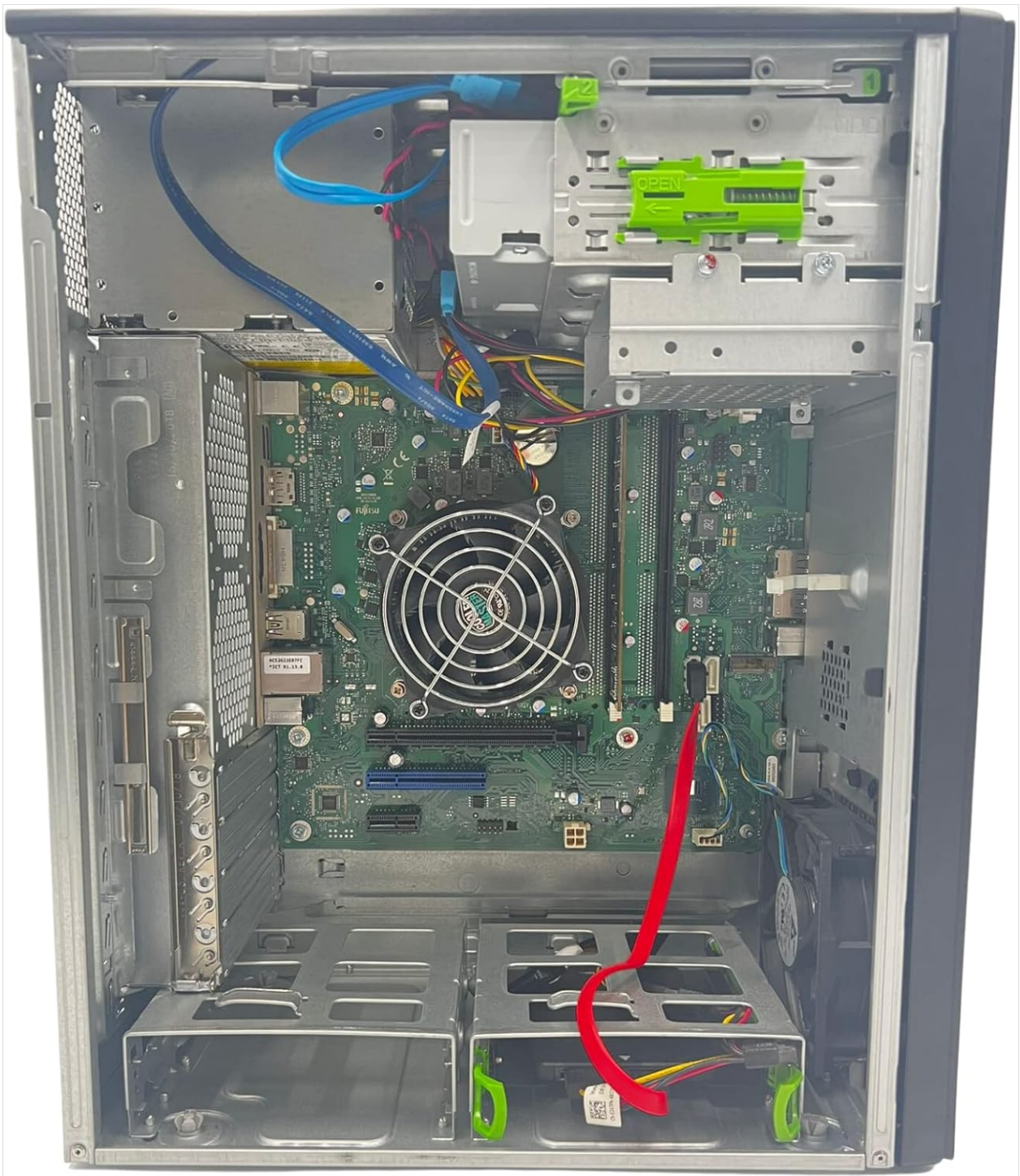
4.2 Rear Panel Connections

- **USB 2.0 Ports (x2):** For connecting USB devices.
- **USB 3.0 Ports (x2):** For connecting high-speed USB devices.
- **DVI-D Port (x1):** Digital video output.
- **DisplayPort (x1):** Digital video output.
- **RJ-45 LAN Port (10/100/1000Mbps):** For wired network connection.
- **Audio Jacks (x2):** Line-in and Line-out for audio devices.
- **PS/2 Ports (x2):** For connecting legacy PS/2 keyboards and mice.

4.3 Internal Expansion

The PC offers internal expansion capabilities for future upgrades:

- 1x PCI-Express x16 3.0 slot
- 1x PCI-Express x4 2.0 slot
- 1x PCI-Express x1 slot
- 2x DDR4 Memory Slots (one or more may be occupied by existing RAM)
- 3x SATA ports (one occupied by the SSD; possibility to install a second 3.5" hard drive)

This image provides a view of the internal components of the PC, including the motherboard layout, CPU fan, RAM slots, and drive mounting areas.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PC.

5.1 Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior surfaces. Avoid abrasive cleaners or solvents.
- **Ventilation:** Regularly check and clean the ventilation grilles to prevent dust buildup, which can impede airflow and cause overheating. Use compressed air to gently clear dust from vents.
- **Internal (Advanced Users Only):** If comfortable, periodically open the case (ensure PC is powered off and unplugged) to carefully remove dust from internal components using compressed air. Avoid touching components directly.

5.2 Software Updates

Keep your Windows 10 Pro operating system and drivers updated to ensure security, stability, and performance. Windows Update typically handles this automatically, but you can manually check for updates:

1. Go to **Start** > **Settings** > **Update & Security** > **Windows Update**.
2. Click **Check for updates**.
3. Install any available updates and restart your PC if prompted.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your PC.

6.1 PC Does Not Turn On

- **Power Connection:** Ensure the power cable is securely connected to both the PC and the electrical outlet. Try a different outlet.
- **Power Supply:** Verify that the power supply unit (PSU) fan is spinning and that there are no unusual noises.
- **Power Button:** Ensure the power button is functioning correctly.

6.2 No Display on Monitor

- **Monitor Connection:** Check that the video cable (DVI-D or DisplayPort) is securely connected to both the PC and the monitor.
- **Monitor Power:** Ensure the monitor is powered on and set to the correct input source.
- **Integrated Graphics:** The PC uses integrated Intel UHD Graphics 630. Ensure no external graphics card is installed or conflicting.

6.3 Peripheral Devices Not Working

- **USB Ports:** Try connecting the device to a different USB port. Ensure drivers are installed if required.
- **PS/2 Ports:** For PS/2 devices, ensure they are connected before powering on the PC.
- **Audio:** Check audio settings in Windows to ensure the correct output device is selected and volume is not muted.

6.4 System Slowdown

- **Updates:** Ensure Windows and all drivers are up to date.
- **Disk Space:** Check available disk space on the SSD. A full drive can slow down performance.
- **Background Processes:** Use Task Manager (Ctrl+Shift+Esc) to identify and close unnecessary background applications.
- **Malware:** Run a full system scan with reputable antivirus software.

7. SPECIFICATIONS

Detailed technical specifications for the Fujitsu Esprimo P558 Desktop PC.

Feature	Detail

Feature	Detail
Brand	Fujitsu
Model Name	Esprimo P558
Operating System	Windows 10 Pro
Processor Brand	Intel
Processor Type	Core i3-9300
Processor Speed	3.7 GHz (up to 4.3 GHz Turbo Boost)
Number of Cores	4
RAM	8 GB DDR4
Maximum RAM	32 GB
Storage Capacity	240 GB SSD
Storage Technology	SSD (Serial ATA 600 interface)
Graphics Processor	Intel UHD Graphics 630 (Integrated)
Processor Socket	LGA 1151
Front USB Ports	2x USB 2.0, 2x USB 3.0
Rear USB Ports	2x USB 2.0, 2x USB 3.0
Video Outputs	1x DVI-D, 1x DisplayPort
Network Connector	Ethernet (RJ-45 10/100/1000Mbps)
Audio Ports	Front: 1x Headphone, 1x Microphone; Rear: 2x Audio Jacks
PS/2 Ports	2
PCI-Express Slots	1x PCIe x16 3.0, 1x PCIe x4 2.0, 1x PCIe x1
SATA Ports	3 (1 occupied)
Dimensions (L x W x H)	31 x 18 x 37.5 cm
Weight	7 kg

8. WARRANTY AND SUPPORT

Information regarding spare parts availability and software update guarantees for this product is not provided in the available product details. For specific warranty terms and support inquiries, please refer to the documentation provided with your purchase or contact Fujitsu customer service directly.