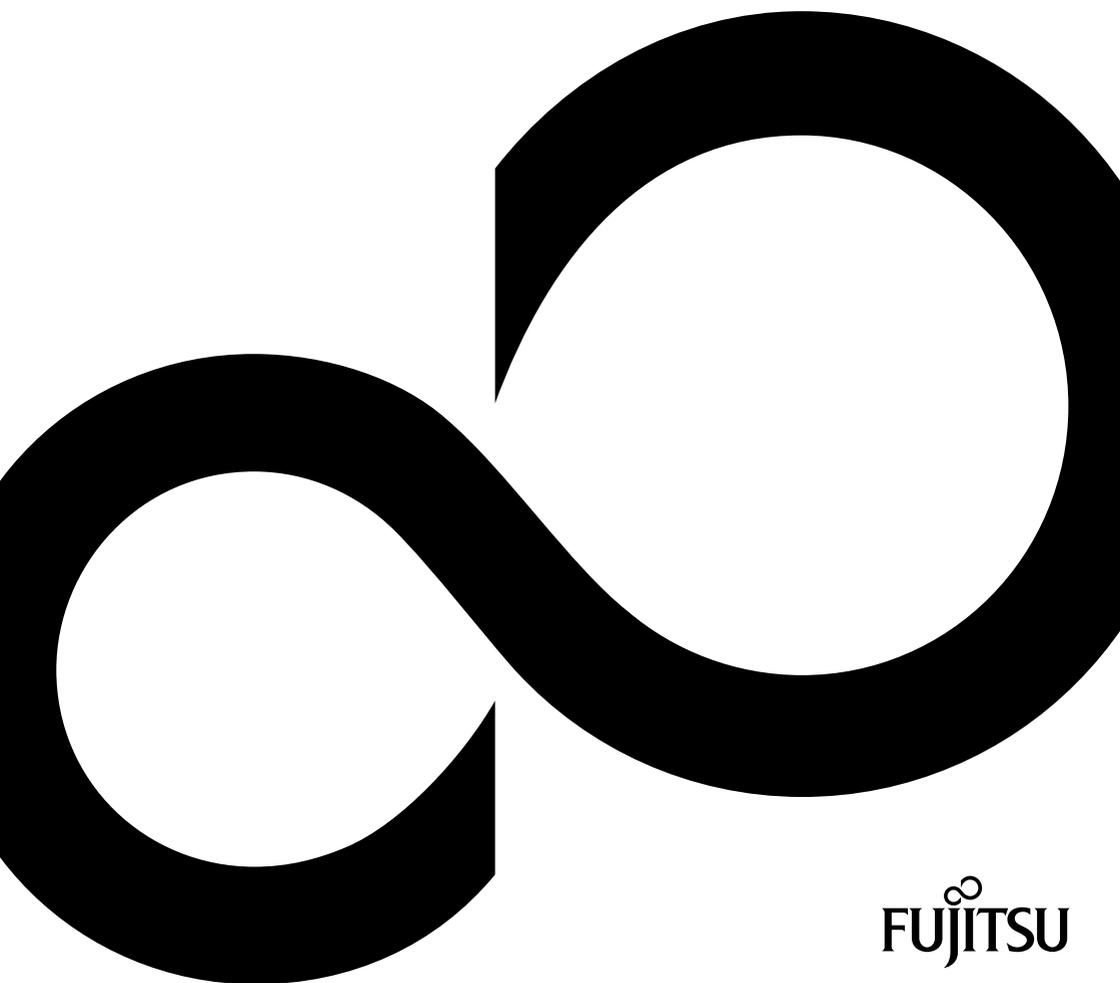


ESPRIMO Q900



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Latest information about our products, useful tips, updates etc. is available on our website:
<http://ts.fujitsu.com>

For automatic driver updates, go to: *<http://support.de.ts.fujitsu.com/de/support/index.html>*

Should you have any technical questions, please contact:

- our Hotline/Service Desk (see the Service Desk list or visit:
<http://ts.fujitsu.com/support/servicedesk.html>)
- Your sales partner
- Your sales office

We hope you really enjoy using your new Fujitsu system.

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ESPRIMO Q900

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Your ESPRIMO Q...

... is available with various configuration levels with different hardware and software.

This manual tells you how to put your device into operation and how to operate it in daily use. This manual applies for all configuration levels. Depending on the configuration level chosen some of the hardware components described may not be available on your PC. Please observe the notes on your operating system.

Depending on the configuration selected, the operating system is preinstalled on your hard disk (e.g. Microsoft Windows).

Your device has a number of security features to ensure that no unauthorised persons can access your data. The security functions in the *BIOS Setup* also allow you to protect your data by means of passwords.

DeskUpdate allows you under some operating systems to easily and quickly install the latest drivers and operating system extensions with a few mouse clicks. *DeskUpdate* is contained on the "Drivers & Utilities" CD/DVD.

Further information on this device is provided:

- in the "Quick Start Guide" booklet
- in the "Safety / Regulations" manual
- in the "Warranty" manual
- in the operating manual for the monitor
- in your operating system documentation
- in the information files (e.g. *.PDF, *.HTML, *.DOC, *.CHM, *.TXT, *.HLP)



Some of the manuals mentioned can be found on in electronic form on the "Drivers & Utilities" CD/DVD or on the Internet under <http://ts.fujitsu.com/support>.

You can quickly access and view the required information on the screen using the *Adobe Reader* program, which is also on the CD/DVD. If necessary, you can also print out the manuals.

Notational conventions

The meanings of the symbols and fonts used in this manual are as follows:



This symbol indicates information which is important for your health or for preventing material damage.



This symbol denotes information shown on the device; failure to observe this information may pose a risk to health or lead to material damage.



This symbol indicates important information which is required to use the system properly.



Texts which follow this symbol describe steps that must be performed in the order shown.

This font

indicates screen outputs.

This font

indicates programme names, commands, or menu items.

"Quotation marks"

indicate names of chapters, data carriers, and terms that are being emphasised.

Important notes

In this chapter you will find information regarding safety which it is essential to take note of when working with your device.

Safety notes



Pay attention to the information provided in the "Safety / Regulations" manual and in the following safety notes.

During installing and operating the device, please observe the instructions on environmental conditions in the "Technical data" chapter as well as the instructions in the "Preparation for use" chapter.

The supplied power cable conforms to the requirements of the country in which you purchased your device. Make sure that the power cable is approved for use in the country in which you intend to use it.

The mains adapter's power cable should only be connected to a mains socket if the device is connected.

Do not use the mains adapter for other devices.

Only use the mains adapter intended for your device, see chapter "Technical data".

Make sure that the rated current of the mains adapter is not higher than that of the power system to which you connect the mains adapter.

ON/OFF switches do not disconnect the device from the mains voltage. To completely disconnect the mains voltage, remove the power plug from the power socket.

Transporting the device



Transport all parts separately in their original packaging or in a packaging which protects them from knocks and jolts, to the new site. Do not unpack them until all transportation manoeuvres are completed.

Cleaning the device



Turn off all power and equipment switches and disconnect the power plug from the mains outlet.

Do not clean any interior parts yourself, leave this job to a service technician.

Do not use any cleaning agents that contain abrasives or may corrode plastic.

Ensure that no liquid enters the system.

Wipe the casing with a dry cloth. If particularly dirty, use a cloth that has been moistened in mild domestic detergent and then carefully wrung out. Use disinfectant wipes to clean the keyboard and the mouse.

Energy saving, disposal and recycling

Further information can be found on the "Drivers & Utilities" CD/DVD.

CE marking

CE marking for devices without radio component



The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and 2006/95/EC "Low voltage directive".



CE marking for devices with radio component

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

This equipment can be used in the following countries:

Belgium	Denmark	Germany	Estonia
Finland	France	Greece	UK
Ireland	Iceland	Italy	Latvia
Liechtenstein	Lithuania	Luxemburg	Malta
Netherlands	Norway	Austria	Poland
Portugal	Sweden	Switzerland	Slovakia
Slovenia	Spain	Czech Republic	Hungary
Cyprus	Bulgaria	Rumania	

Contact the corresponding government office of the respective country for current information on possible operating restrictions. If your country is not included in the list, then please contact the corresponding supervisory authority as to whether the use of this product is permitted in your country.

FCC Class B Compliance Statement

The following statement applies to the products covered in this manual, unless otherwise specified herein. The statement for other products will appear in the accompanying documentation.

NOTE:

This equipment has been tested and found to comply with the limits for a "Class B" digital device, pursuant to Part 15 of the FCC rules and meets all requirements of the Canadian Interference-Causing Equipment Standard ICES-003 for digital apparatus. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in strict accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Fujitsu Technology Solutions GmbH is not responsible for any radio or television interference caused by unauthorised modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by Fujitsu Technology Solutions GmbH. The correction of interferences caused by such unauthorised modification, substitution or attachment will be the responsibility of the user.

The use of shielded I/O cables is required when connecting this equipment to any and all optional peripheral or host devices. Failure to do so may violate FCC and ICES rules.

Preparation for use



Please observe the safety information in the "Important notes" chapter.

Unpacking and checking the delivery

It is recommended not to throw away the original packaging material! It may be required for reshipment at some later date.

- ▶ Unpack all the individual parts.
- ▶ Check the delivery for damage incurred during transportation.
- ▶ Check whether the delivery agrees with the details in the delivery note.
- ▶ Should you discover that the delivery does not correspond to the delivery note, notify your local sales outlet immediately.

Steps for initial setup

Only a few steps are necessary to put your new device into operation for the first time:

- Select location for device and set up device
- Connect the monitor, mouse and keyboard
- Check the voltage at the mains outlet and connect the device to an electrical outlet
- Switch the device on

You will learn more about the individual steps in the following sections.

External devices



If you have received other devices in addition to your device (e.g. a printer or a modem), do not connect these until after the initial installation. The following sections contain a description of how to connect these external devices.

Setting up the device



When installing your device, please read the recommendations and safety notes in the "Safety / Regulations" manual.

The device should only be set up in the intended orientation, i.e. in a horizontal position.

We recommend that you place your device on a surface with good anti-slip qualities. In view of the multitude of different finishes and varnishes used on furniture, it is possible that the rubber or plastic feet of the device will mark the surface they stand on.

Do not expose the device to extreme environmental conditions (see "Technical data"). Protect the device from dust, humidity, and heat.

Make sure that the device is adequately ventilated. Never place the device on a soft surface (e.g. carpeting, upholstered furniture, bed). This may block the air vents underneath the device, which could cause damage to the device due to overheating.

Do not stack several devices on top of each other.

Connecting external devices



Read the documentation on the external device before connecting it.

With the exception of USB devices, always remove all power plugs before connecting external devices!

Do not connect or disconnect cables during a thunderstorm.

Always take hold of the actual plug. Never unplug a cable by pulling the cable itself.

Connect and disconnect the cables in the order described below.

Connecting cables

- Switch off all equipment concerned.
- Remove all the mains plugs for the equipment concerned from the mains sockets.
- Plug in the cables at the device and peripheral equipment. Always pay careful attention to the safety information provided in the "Important notes" chapter and in the "Safety / Regulations" manual.
- Plug the data communication cables into the data/telephone network sockets.
- Insert the mains plugs into earth-protected mains sockets.

Disconnecting cables

- Switch off all equipment concerned.
- Remove all the mains plugs for the equipment concerned from the mains sockets.
- Unplug the data communication connectors from the data/telephone network sockets.
- Unplug all cables from the device and peripheral equipment.



USB devices are hot-pluggable. This means you can connect and disconnect devices while your operating system is running.

Additional information can be found in the "Connecting external devices to the USB ports" section and in the documentation for the USB devices.

Ports

The connections are located on the front and back of the device. The ports available on your device depend on the configuration level you have selected. The standard ports are marked with the symbols shown below (or similar).

DVI-I Monitor port (digital, analogue with adapter)



DisplayPort



Audio output (Line out), light green



Microphone jack, pink



USB 3.0 - Universal Serial Bus, blue (at the front of the device)



Audio input (Line in)/SPDIF port, light blue

LAN

LAN port



Mains input (DC IN)



Special software (e.g. drivers) must be installed and configured for some of the devices that you connect (see the operating system and device documentation).

To get HDMI functionality, you can connect an optional adapter cable to your device.

Connecting the monitor

- ▶ Follow the instructions contained in the monitor manual to prepare the monitor for operation (e.g. connecting cables).
- ▶ Plug the data cable into the monitor port of the device.

Connecting USB mouse

- ▶ Connect the USB mouse to one of the USB ports on the device.

Connecting USB keyboard

- ▶ Plug the rectangular connector of the keyboard cable into the rectangular socket on the underside of the keyboard.
- ▶ Insert the flat rectangular USB plug of the keyboard cable into a USB port of the device.

Connecting external devices to the USB ports

You can connect a wide range of external devices to the USB ports (e.g. printer, scanner, modem or keyboard).



USB devices are hot-pluggable. This means you can connect and disconnect devices while your operating system is running.

Additional information can be found in the documentation for the USB devices.

- ▶ Connect the data cable to the external device.
- ▶ Connect the data cable to a USB port.
- ▶ Read the documentation for the USB device to obtain full information about the installation of the device.

Device drivers



The devices you connect to the USB ports usually require no driver of their own, as the required software is already included in the operating system. However, if the USB device requires its own software, please install it from the data carrier provided with the USB device.

To ensure USB 2.0, only a 3 m long cable may be used from the front USB port to the USB peripheral device.

Connecting the device to the mains voltage

Connecting the power adapter



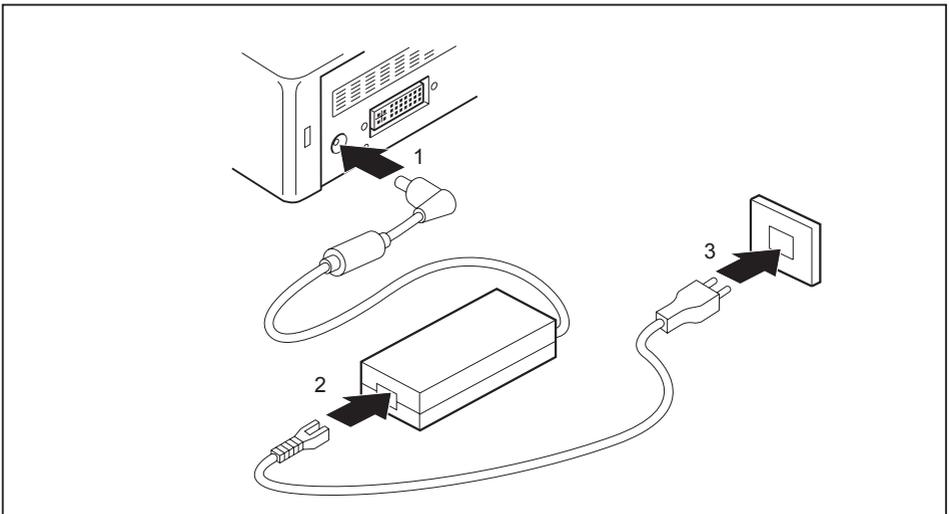
The supplied power cable conforms to the requirements of the country in which you purchased your device. Make sure that the power cable is approved for use in the country in which you intend to use it.

The mains adapter's power cable should only be connected to a mains socket if the device is connected to the mains adapter.

Do not use the mains adapter for other devices.

Only use the mains adapter intended for your device, see chapter "Technical data".

Make sure that the rated current of the mains adapter is not higher than that of the power system to which you connect it (see technical data for the mains adapter).



- ▶ Connect the mains adapter cable to the DC jack (DC IN) of the device (1).
- ▶ Connect the power cable to the mains adapter (2).
- ▶ Connect the power cable to a mains outlet (3).

Switching on for the first time: installing the software

If the device is integrated into a network, the user and server details as well as the network protocol are required during the software installation. Contact your network administrator if you have any questions about these settings.

When you switch on the device for the first time, the supplied software is installed and configured. Plan a reasonable amount of time for this, as this process must not be interrupted.



Once the installation has been started the device must not be switched off, unless the installation has been completed.

During installation, the device may only be rebooted when you are requested to do so!

The installation will otherwise not be carried out correctly and the contents of the hard disk must be completely restored.

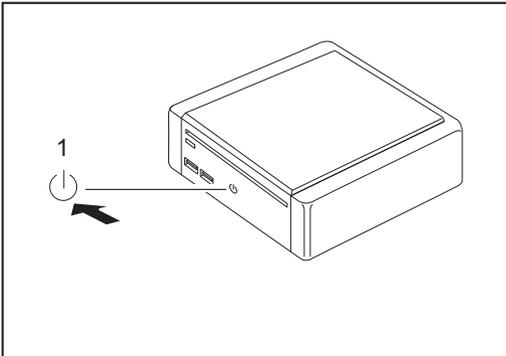
You may need the licence number for Windows during the installation. The licence number is located on a sticker on your device.

Switching on monitor and device



Your ESPRIMO features a new technology which allows you to boot your system simply with a light touch of your finger: You no longer need to press the power button down to activate your system. Just touch the button with your finger and the system starts to boot automatically.

- ▶ Switch the monitor on (see the operating manual for the monitor).



1 = ON/OFF switch with power indicator

- ▶ Touch the ON/OFF switch on the front of the device for approximately half a second. The power indicator glows white and the device is started.

Installing the software

- ▶ During installation, follow the instructions on screen.
- ▶ Consult the operating system manual if there is anything unclear about the requested input data.



You will find further information about the system as well as drivers, additional software and updates on the "Drivers & Utilities" CD/DVD.

Operation

Switch the device on



Your ESPRIMO features a new technology which allows you to boot your system simply with a light touch of your finger: You no longer need to press the power button down to activate your system. Just touch the button with your finger and the system starts to boot automatically.

- ▶ If necessary, switch the monitor on (see the operating manual for the monitor).
- ▶ Touch the ON/OFF switch on the front of the device for approximately half a second.

The power-on indicator lights white and the device is started.

Switching off the device

- ▶ Shut down the operating system properly. In Windows: via the *Start* menu and the *Exit function*.
- ▶ If the operating system does not automatically switch the device into energy-saving mode or switch it off, touch the ON/OFF switch for approximately 1 second.

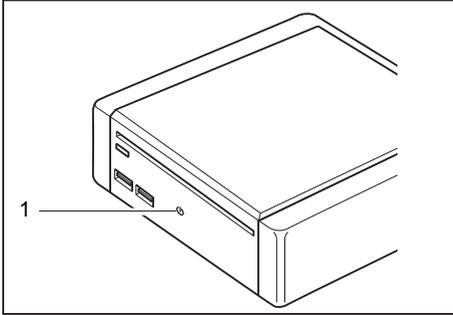


The ON/OFF switch does not disconnect the device from the mains voltage. To completely disconnect the mains voltage, remove the power plug from the socket.

- ▶ If necessary, switch the monitor off (see the operating manual for the monitor).

Power indicator

The power indicator is located on the front of the casing.



1 = Power indicator

- The LED at the ON/OFF switch glows white:
The device is switched on.
- The LED at the ON/OFF switch flashes white:
The device is in sleep mode.
- The LED at the ON/OFF switch does not glow:
 - The device is in hibernate mode. After being switched on with the ON/OFF switch, the device powers up or returns to the state it was in before it entered energy-saving mode.



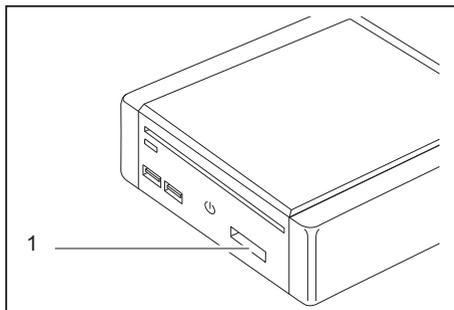
In hibernate or energy-saving mode the device must not be switched off with the main power switch (if present) or disconnected from the mains, as this may result in data loss.

or

- The device is switched off (disconnected from the mains) or is ready for use. If the device is ready it can be enabled with the ON/OFF switch.

Memory card reader (optional)

A memory card reader (1) is incorporated in the front of your machine.



Card types that can be read:

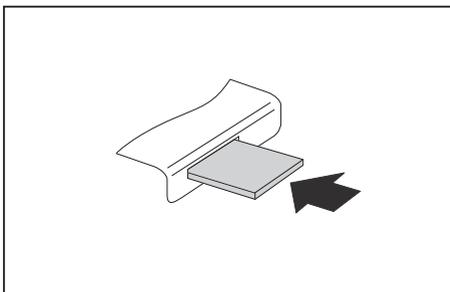
- SecureDigital Card (SD)
- MultiMedia Card (MMC)
- Reduced-Size MultiMedia Card (RS-MMC)
- xD Picture Card (xD)
- Memory Stick (MS)
- Memory Stick Pro (MS Pro)



When handling memory cards, comply with the manufacturer's instructions.

Your dealer can supply you with an adapter for your memory card.

Inserting the memory card



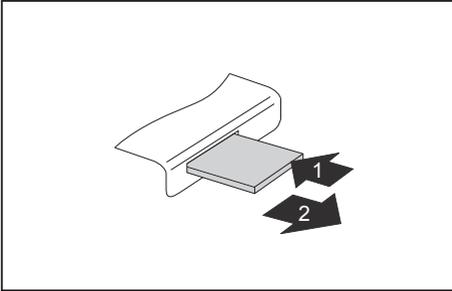
- ▶ Carefully insert the memory card into the slot. The side with writing on it must face upwards. Do not force the card in, otherwise the delicate contact surfaces can be damaged.

Taking out the memory card



When taking out the card, always proceed systematically as described below, to avoid any loss of your data.

Always wait until the data access has been completed before taking the card out of the slot.



- ▶ If your reader has a card interlock: Press on the memory card (1).

The memory card is now released and can be taken out.

- ▶ Take the memory card out of the slot (2).

Optical drive



This product contains a light emitting diode, classified in accordance with IEC 825-1:1993: LASER CLASS 1, and must therefore not be opened.

Handling CD/DVDs

Observe the following guidelines when handling CD/DVDs:

- Avoid touching the surface of a CD/DVD. Hold CDs/DVDs by their edges!
- Always store CDs/DVDs in their cases. This will protect them from dust, scratches and other damage.
- Protect your CDs/DVDs from dust, mechanical vibration and direct sunlight!
- Avoid storing a CD/DVD in areas subject to high temperatures or humidity.

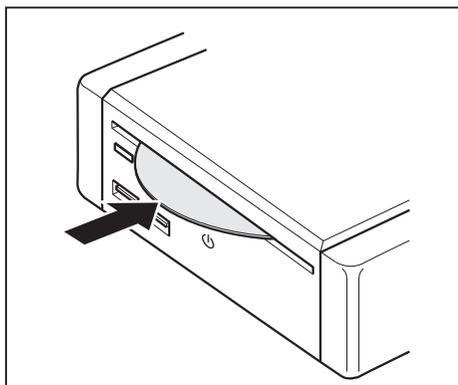


You may use 12-cm CDs/DVDs in the optical drive. Do not use any business card CDs or other small CDs.

When using CDs/DVDs of poor quality vibrations and reading errors may occur.

Inserting a CD/DVD

The device must be switched on.



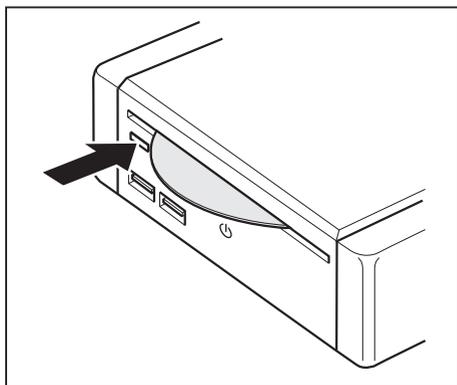
- ▶ Gently insert the CD/DVD into the drive with printed side facing upwards, until the CD/DVD is automatically drawn in.

Removing a CD/DVD

The device must be switched on.



The device does not provide a mechanical CD/DVD eject function. The Eject tool needs to be installed in Windows mode. You will find further information about the system as well as drivers, additional software and updates on the "Drivers & Utilities" CD/DVD.



- ▶ Push the eject button.
The CD/DVD will be ejected.
- ▶ Remove the CD/DVD.



Troubleshooting:

If you push the eject button while the CD/DVD in the optical drive is still being accessed, the CD/DVD is not ejected automatically. Please wait for the reading process to finish, then try again.

Wireless LAN/ Bluetooth radio component (optional)

Depending on the configuration level chosen, your device is already equipped with wireless LAN and Bluetooth.



The installation of a wireless LAN module not approved by Fujitsu Technology Solutions GmbH voids the permits issued for this device (see "Technical data" chapter).

The modules for radio components are switched on during delivery. The radio components can only be switched off via the software.



You can individually switch off the wireless LAN module using the appropriate software and Bluetooth module via the Device Manager.

Pay attention to the additional safety notes for devices with radio components provided in the "Safety / Regulations" manual.

Details on using the wireless LAN are contained in the online help for your wireless LAN software and in the "Wireless LAN" manual. The "Wireless LAN" manual can be found on the "Drivers & Utilities" CD/DVD.

Details on using Bluetooth are contained in the online help for your operating system.

Settings in the BIOS Setup

In *BIOS Setup* you can set the system functions and the hardware configuration of the device. The settings can only be changed via the keyboard.

When it is supplied, the device is set to factory default settings. You can change these settings in *BIOS Setup*. Any changes you make take effect as soon as you save and exit the *BIOS Setup*.

The main options in *BIOS Setup* are described in brief below:

Menu	Description
<i>Main</i>	for system settings such as time and date, and for system information.
<i>Advanced</i>	for advanced system configuration settings.
<i>Boot</i>	for configuring the boot sequence.
<i>Power</i>	for power management settings.
<i>Security</i>	for BIOS and HDD password settings.
<i>Exit</i>	to save or discard BIOS Setup changes, for loading the BIOS Setup defaults or for temporarily booting from a specific device.

The following function keys can also be used:

Key	Description
ESC	to exit the <i>BIOS Setup</i> . The current settings are not saved.
F7	to discard changes and load the previous <i>BIOS Setup</i> configuration.
F9	to Load <i>BIOS Setup</i> Default Configuration.
F10	to exit the <i>BIOS Setup</i> . The current settings are saved.

Starting the BIOS Setup

- ▶ Restart the device (switching On/Off or warm boot).
- ▶ Press the function key **F2**.



If a password has been assigned:

- ▶ Enter the password and press the Enter key.

If you have forgotten the password, contact your system administrator or contact our Hotline/Service Desk.

Operating BIOS Setup

- ▶ Use the cursor key **←** or **→** to select the menu you wish to access to make changes.
- ▶ Press the Enter key.

The menu is displayed on the screen.

- ▶ Use the cursor key **↑** or **↓** to select the field you wish to change.
- ▶ Press the Enter key to confirm your selection.
- ▶ Press the **ESC** key to exit the selected menu.
- ▶ Note the changed entries.

Exiting BIOS Setup

To exit *BIOS Setup*, select the *Exit menu* and *Exit Saving Changes* or *Exit Discarding Changes* from the menu.

Security functions

Your device enables you to protect your system and personal data in a number of ways against unauthorised access. By combining these options, you can achieve maximum protection for your system.

In this chapter you will learn which security functions your device is equipped with, which advantages these functions offer you and how to configure and use them.



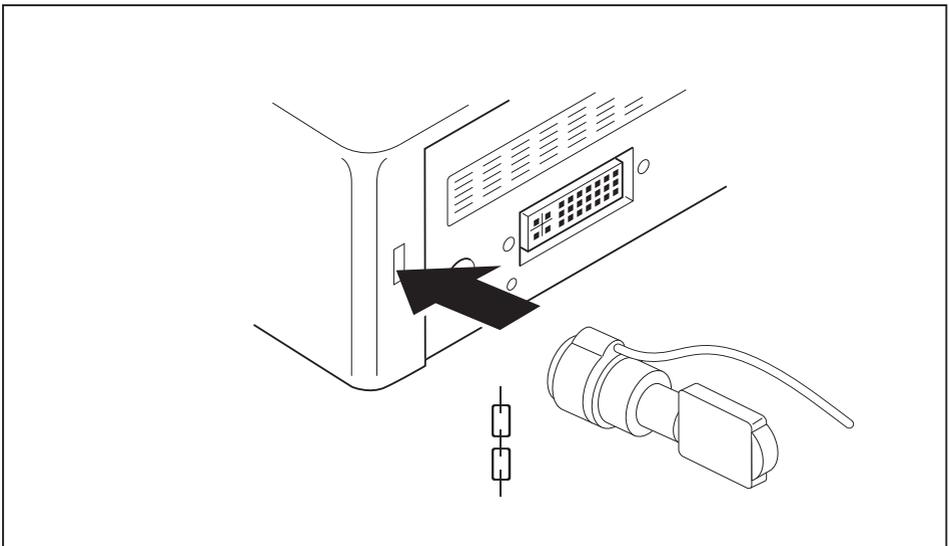
Please consider that in the case of improper use, you yourself will also be unable to access your system and your data. Please note therefore the following hints:

- Back up your data on external data carriers at regular intervals.
- Some security functions need you to choose a password. Please be sure to note these passwords, as otherwise you will no longer be able to access your system. We recommend that you make a note of the passwords and keep them in a safe place.

If you lose both the user and the admin passwords you will need to contact the Service Desk. The telephone numbers are contained in the supplied Service Desk List. Passwords are not covered by your warranty and a charge will be made for assistance.

Anti-theft protection with a Kensington Lock

The device has a Kensington Lock device for the Kensington MicroSaver. With the Kensington MicroSaver, a sturdy steel cable, you can help protect your device from theft. The Kensington MicroSaver is available as an accessory.



- ▶ Fit the Kensington MicroSaver on the corresponding device on your equipment.

BIOS setup security functions

The *Security* menu in *BIOS Setup* offers you various options for protecting your personal data against unauthorised access using passwords, e.g.:

- Supervisor *password*: preventing unauthorised access to *BIOS Setup*
- User password: preventing unauthorised system and *BIOS Setup* access



Before using the various options of password protection for your data security in the *BIOS Setup*, please note the following hints:

- Be sure to note your passwords, as if you forget your password, you cannot access your *BIOS Setup* and/or your system. Passwords are not covered by your warranty and a charge will be made for assistance.
- Back up your data on external data carriers at regular intervals.
- We recommend that you print out the following instructions, as these cannot be displayed while setting the password.



Passwords can be up to 32 characters long. You can use all alphanumeric characters and need not distinguish between uppercase and lowercase characters.

Please refer to section "Settings in the BIOS Setup" for a description of calling and operating the *BIOS Setup*.

With the password that you have set in *BIOS Setup*, you can also prevent booting of the operating system.

Troubleshooting and tips



Refer to the safety notes in the "Safety / Regulations" manual and in the "Preparation for use" chapter when connecting or disconnecting cables.

If a fault occurs, try to correct it as described in the following places:

- in this chapter
- in the documentation of the connected devices
- in the help systems of the software used
- in the documentation of your operating system

Help if problems occur

Should you encounter a problem with your computer that you cannot resolve yourself:

- ▶ Note the ID number of your device. The ID number is found on the type rating plate on the back or underside of the casing.
- ▶ For further clarification of the problem, contact the Help Desk for your country (see the Help Desk list or visit the Internet at <http://ts.fujitsu.com/support/service desk.html>). When you do this, please have ready the ID number and serial number of your system.

Troubleshooting

Power indicator fails to light after switching on

Cause	Troubleshooting
The mains voltage supply is faulty.	<ul style="list-style-type: none">▶ Check whether the power cable is plugged properly into the device and a grounded mains outlet.▶ Switch the device on.

The device cannot be switched off with the ON/OFF switch

Cause	Troubleshooting
System crash	<ul style="list-style-type: none"> ▶ Touch the ON/OFF switch for at least 5 seconds, until the device switches off. <p>The operating system is not shut-down properly in the process. Error messages are therefore possible the next time the system is booted.</p> <p>It may take a few seconds before the system boots. This is while the system carries out a check.</p>

Screen stays blank

Cause	Troubleshooting
Monitor is switched off.	<ul style="list-style-type: none"> ▶ Switch your monitor on.
Power saving has been activated (screen is blank).	<ul style="list-style-type: none"> ▶ Press any key on the keyboard. <p>or</p> <ul style="list-style-type: none"> ▶ Deactivate the screen saver. If necessary, enter the appropriate password.
Brightness controls set to dark.	<ul style="list-style-type: none"> ▶ Adjust the brightness control. For detailed information, please refer to the operating manual supplied with your monitor.
Power cable is not connected.	<ul style="list-style-type: none"> ▶ Switch off the monitor and the device. ▶ Check that the monitor power cable is properly connected to the monitor and to a grounded mains outlet or to the monitor socket of the device. ▶ Check that the device power cable is properly plugged into the device and a grounded mains outlet. ▶ Switch on the monitor and the device.
Monitor cable is not connected.	<ul style="list-style-type: none"> ▶ Switch off the monitor and the device. ▶ Check that the monitor cable is properly connected to the device and monitor. ▶ Switch on the monitor and the device.

Cause	Troubleshooting
Wrong monitor has been set under Windows XP	<ul style="list-style-type: none"> ▶ Restart the device. ▶ Press F8 while the system is booting. <p>Either the <i>Windows Advanced Start Options</i> menu or the menu for selecting the operating system appears.</p> <ul style="list-style-type: none"> ▶ If the menu for selecting the operating system appears, press F8. ▶ Select <i>Safe Mode</i> or <i>Safe Mode with Network</i>. ▶ Set the correct values for the attached monitor as described in the operating manual of the monitor by selecting <i>Start - Settings - Control Panel - Display</i> and then the <i>Appearance, Themes, Settings</i> tabs.
Wrong monitor has been set under Windows 7	<ul style="list-style-type: none"> ▶ Restart the device. ▶ Press F8 while the system is booting. <p>Either the <i>Windows Advanced Start Options</i> menu or the menu for selecting the operating system appears.</p> <ul style="list-style-type: none"> ▶ If the menu for selecting the operating system appears, press F8. ▶ Select <i>Safe Mode</i> or <i>Safe Mode with Network</i>. ▶ Select <i>Start – Control Panel – Appearance and Themes – Display</i> to set the correct values for the connected monitor, as explained in the monitor instructions.

No mouse pointer displayed on the screen

Cause	Troubleshooting
The mouse is not correctly connected.	<ul style="list-style-type: none"> ▶ Shut down the operating system properly. ▶ Switch the device off. ▶ Check that the mouse cable is properly connected to the system unit. <p>If you use an adapter or extension lead with the mouse cable, check the connections.</p> <ul style="list-style-type: none"> ▶ Make sure that only one mouse is connected. ▶ Switch the device on.

Time and/or date is not correct

Cause	Troubleshooting
Time and date are incorrect.	<ul style="list-style-type: none">▶ Set the correct time and date within the operating system you are using. or <ul style="list-style-type: none">▶ Set the correct time and/or date in the <i>BIOS Setup</i>.

Error messages on the screen

Error messages and their explanation are contained in the documentation for the programs used.

Installing new software

When installing programmes or drivers, important files may be overwritten and modified. You should backup your hard disk prior to installation so that you can still access the original data in the event of any problems following installation.

Hard disk contents, restoring

Should you need to restore your hard disk, the instructions are provided on the case of the "Recovery CD/DVD" (delivered with your system).

Tips

Topic	Tip
Out of system resources	<p>If you have too many applications running at once, you may experience problems due to a lack of system resources.</p> <ul style="list-style-type: none">▶ Close unnecessary applications. or <ul style="list-style-type: none">▶ Run the applications in a different order.
Other manuals	<p>You will find further manuals as PDF files on the "Drivers & Utilities" CD/DVD or on the Internet under http://ts.fujitsu.com/support.</p>

Technical data

ESPRIMO Q

Electrical data	
Regulations complied with:	IEC 60950-1, EN 60950-1, UL 60950 CSA 22.2 No.60950-1
Protection class:	III
Rated voltage range:	20 V
Rated frequency:	DC
Max. rated current:	4.5 A
Dimensions	
Width/depth/height:	165 mm/168 mm/57 mm
Weight	
in basic configuration:	1.4 kg
Environmental conditions	
Environment class (3K2)	DIN IEC 721 part 3-3
Environment class (2K2)	DIN IEC 721 part 3-2
Temperature	
Operating (3K2)	5 °C 35 °C
Transport (2K2)	-25 °C 60 °C
Condensation in operating must be avoided.	



The data sheet for this device provides further technical data. You will find the data sheet on the Internet under <http://ts.fujitsu.com/support>.

Mains adapter



As mains adapter for your device, use only the LiShin S261113-E533-V15 or the Delta S261113-E533-V55.

Electrical data	
Rated voltage	100 V to 240 V (automatic)
Rated frequency	50 Hz to 60 Hz (automatic)
Max. rated current:	1.5 A

You can readily order an additional mains adapter and an additional power cable.

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