

# Data Sheet

We make sure



## ESPRIMO E5730 E80+ Your desktop PC without any compromises

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Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

### ESPRIMO E5730 E80+

As a Small Form Factor PC the ESPRIMO E5730 E80+ is the ideal choice for your desk. Depending on the space you have available, you can position the PC vertically or horizontally - without any additional feet. Equipped with Intel® chipset and processor technology the high performance levels of this efficient and quiet PC meet the requirements of your daily business applications. It also has an 80% effective power supply which significantly helps to save the environment and reduce your costs.

### Small form factor PC

Flexible desktop solution whatever the space required.

- less than 13 litres volume, can be positioned vertically and horizontally

### Energy-saving

Low power consumption and costs with no loss in performance.

- State-of-the-art technology, switched monitor outlet, low energy-consuming processors, 80% effective power supply and enhanced power management settings

### Environmentally compatible product

Your contribution to environmental protection for the continued existence of our planet

- Halogen-free mainboard, sophisticated product concept for the entire lifecycle

### Quiet

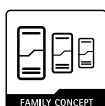
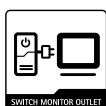
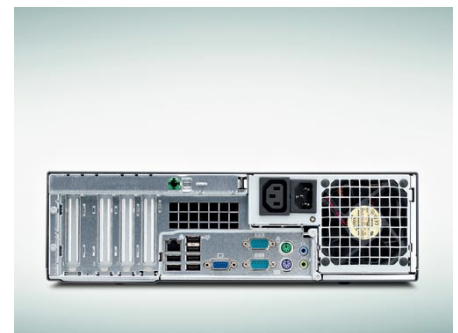
Pleasant working environment due to an extremely quiet system

- Innovative hardware design, optimized cooling concept

### Serviceability

Simple expandability and optimal user-friendliness without any additional tools

- Easy access to all replaceable and expandable components



## Components

<b>Processor</b>	Intel® Core™2 Quad Q9550 (2.83 GHz, 12 MB, 1333 MHz) Intel® Core™2 Quad Q9400 (2.66 GHz, 6 MB, 1333 MHz) Intel® Core™2 Quad Q8200 (2.33 GHz, 4 MB, 1333 MHz) Intel® Core™2 Duo E8600 (3.33 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo E8500 (3.16 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo E8400 (3.0 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo E8300 (2.83 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo E7400 (2.8 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo E7300 (2.66 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo E5200 (2.5 GHz, 2 MB, 800 MHz) Intel® Pentium® Dual-Core E2220 (2.4 GHz, 1 MB, 800 MHz) Intel® Pentium® Dual-Core E2200 (2.2 GHz, 1 MB, 800 MHz) Intel® Celeron® Dual-Core E1400 (2.0 GHz, 512 KB, 800 MHz) Intel® Celeron® Dual-Core E1200 (1.6 GHz, 512 KB, 800 MHz)
<b>Memory modules</b>	2 GB (1 x 2 GB, DDR2), 800 MHz 1 GB (1 x 1 GB, DDR2), 800 MHz
<b>Hard disk drives (internal)</b>	SATA II, 7200 rpm, 500 GB, 3.5-inch S.M.A.R.T. SATA II, 7200 rpm, 250 GB, 3.5-inch S.M.A.R.T. SATA II, 7200 rpm, 160 GB, 3.5-inch S.M.A.R.T.
Hard disk notes	Supporting NCQ and 3 GBit
<b>Graphics add on cards (optional)</b>	DVI Adapter NVIDIA® Geforce 9300GE low profile 256 MB NVIDIA® Geforce 9300GE low profile 512 MB NVIDIA® Geforce 9500GS low profile 512 MB NVIDIA® Quadro NVS 290 low profile 256 MB
<b>Modular bay options</b>	1.44 MB Floppy, standard Blu-ray Disc Triple Writer DVD-ROM DVD Super Multi MultiCard Reader 15in1, 3,5-Inch
<b>Interface add on cards/components (optional)</b>	WLAN III, 802.11g/Draft-n WLAN II, 802.11g, 54Mbps Parallel Interface Modem adapter kit (EU) Modem 56k incl. RJ11 modem cable Gigabit Ethernet PCIe x1 FireWire PCI-Card IEEE1394 eSATA Interface Dual serial card PCI LP
<b>Base unit</b>	<b>ESPRIMO E5730 E80+</b>
<b>Mainboard</b>	
Mainboard type	D2824
Formfactor	proprietary
Chipset	Intel® Q43
Processor socket	LGA 775
Processor quantity maximum	1
System bus support (FSB / PSB)	up to 1333 MHz
Memory slots	4 DIMM (DDR2)
Supported capacity RAM (max.)	8 GB
Memory frequency	800 MHz
Memory notes	Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN	10/100/1000 MBit/s Intel® 82567LF
BIOS version	Phoenix 6.0
BIOS features	BIOS Flash EPROM update by software Recovery BIOS
Audio codec	Realtek ALC663
Audio features	Internal speaker supports audio playback, High Definition audio
<b>I/O controller on board</b>	
Serial ATA total	4
thereof eSATA	2 (optional)
Controller functions	Serial ATA II 3 GBit
<b>Interfaces</b>	
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: microphone	1
USB 2.0 total	2

<b>Interfaces</b>	
USB front	2
USB rear	6
USB internal	4
VGA	1
DVI	optional
Serial (RS-232)	2 (9pin, 16 byte FIFO, 16550 compatible)
PS/2 (mouse / keyboard)	2
Ethernet (RJ-45)	1
Parallel	optional (25pin with EPP and ECP)

<b>Input device / components</b>	
	Optical USB tilt wheel mouse
	Optional: Optical USB/PS2 tilt wheel mouse

<b>Drive bays</b>	
Drive bays total	3
3.5-inch internal bays	1
3.5-inch external bays	1
5.25-inch external bays	1
Drive bay notes	optional external bay as internal 3,5"

<b>Slots</b>	
PCI-Express x16	1 x (210 mm) low profile
PCI-Express x4 (mech. x8)	1 x (210 mm) low profile
PCI (32-bit / 33 MHz)	2 x (190 mm) low profile
Slots optional configuration	or 1x PCI Express x16 low profile (190mm) and via Riser 2 x PCI full heigh (174 / 210 mm)

<b>Graphic on board</b>	
Graphics brand name	Intel® GMA 4500
Shared video memory	Up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
Graphic notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz.

<b>Electrical values</b>	
Rated voltage range	100 - 240 V
Rated frequency range	50 - 60 Hz
Operating voltage range	90 - 264 V
Operating line frequency range	47 - 63 Hz
Max. output of power supply	300 W
Power factor correction/active power	active
Monitor outlet	Switched

<b>Power consumption</b>	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.fujitsu-siemens.com/dl.aspx?id=668fac5c-6481-4c84-9d47-bec23d56856a">http://docs.fujitsu-siemens.com/dl.aspx?id=668fac5c-6481-4c84-9d47-bec23d56856a</a>

<b>Heat dissipation</b>	
Heat dissipation notes	see white paper Energy Consumption

<b>Noise for standard configuration (HDD, ODD, FDD)</b>	
Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	5.0 B / 36 dB
Noise Operation mode 2: HDD load (Blue angel requirement)	3.5 B / 19 dB
Noise Operation mode 4: High load	3.7 B / 22 dB
Noise Operation mode 5: Office applications	3.5 B / 19 dB
Idle mode (Blue Angel requirement)	3.5 B / 19 dB
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position

<b>Dimensions / Weight / Environmental</b>	
Operating ambient temperature	15 - 35 °C
Dimension (W x D x H)	100 x 340 x 380 mm
Operating position	Vertical / horizontal (no feet needed)

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**Dimensions / Weight / Environmental**

Weight	approx. 10 kg
Weight notes	Weight may vary depending on actual configuration.

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**Compliance**

Germany	Blauer Engel / Blue Angel tbd GS tbd
Europe	CE Nordic Swan tbd
USA/Canada	FCC Class B UL CSA
All	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)
Compliance link	<a href="https://sp.fujitsu-siemens.com/sites/certificates/default.aspx">https://sp.fujitsu-siemens.com/sites/certificates/default.aspx</a>

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**Operating system**

Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32bit Microsoft® Windows Vista® Business 64bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Linux
Operating system notes	Windows Vista® Premium Logo: min. 1 GB RAM necessary.

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**Additional Software**

Additional software (preinstalled)	Nero Essentials (burning software)
Additional software (optional)	Recovery DVD (Windows® XP / Windows Vista®) Drivers & Utilities DVD (DUDVD) Windows Vista® Drivers & Utilities DVD (DUDVD) Windows® XP
Spare part availability	Keyboard on (Fujitsu Siemens Computers keyboard required) Thermal management 5 years

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**Compatibility (references)**

DMI 2.0  
PC 2001  
WMI 1.5  
USB 2.0

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**Manageability**

Manageability features	ASF 2.0 (Alert Standard Format) DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code BootP Boot Code including Bootmanage Administrator Software (tested) Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Advanced alerts (ASF implementation) Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Manageability link	<a href="http://www.fujitsu-siemens.com/manageability">http://www.fujitsu-siemens.com/manageability</a> <a href="http://www.altiris.com/fsc">http://www.altiris.com/fsc</a>

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**Security**

Physical security	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock
System security	Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB interfaces detachable separately Boot protection for floppy disk / CD drive and write protection for floppy disk drive Control of external interfaces
User security	User and supervisor BIOS password SystemLock 2 BIOS SmartCard Security Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader

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**Serviceability**

FlexySlot  
EasyFix  
EasyChange for HDD  
EasyChange for optical drives  
EasyPull

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**Packaging information**

Packaging dimension	500x290x540 mm
Max. quantity / pallet	24
Material - Weigth (g) Carton	1270 g
Material - Weigth (g) EPS / PS	230 g
Material - Weigth (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process

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<http://www.fujitsu-siemens.com/aboutus>

Take back and Recycling information:

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