Fujitsu recommends Windows 8 Pro.

Data Sheet
Fujitsu ESPRIMO E700 E90+ Desktop PC

Your Desktop PC Without Any Compromises

Fujitsu ESPRIMO E700 PCs bring you highly expandable technology for your challenging business applications. The use of identical components within the product family ensures perfect infrastructure compatibility and simplifies rollout. A 92%-efficient power supply will ensure environmental compliance for years to come. Intel® Standard Manageability keeps administration costs to a minimum. Plus, EraseDisk ensures secure system retirement.

Small form factor PC
Flexible desktop solution whatever the space required
■ Less than 13 liters volume, can be positioned vertically and horizontally

Energy efficiency
Low power consumption and low costs, without any loss in performance
■ Power supply with up to 92% efficiency and enhanced power management settings

Green technology
Fujitsu's contribution to environmental protection for the continued existence of our planet
■ Halogen-free printed circuit of mainboard and power supply, sophisticated product concept for the entire lifecycle

Quiet
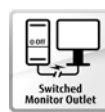Pleasant working environment due to an extremely quiet system
■ Innovative hardware design, optimized cooling concept ensures silent operations

Serviceability
Easy to extend and optimal user-friendliness without any additional tools
■ Easy access to all replaceable and expandable components

Components

Processor	Intel® Core™ i5-2400 processor (4 Cores / 4 Threads, 3.10 GHz, 6 MB, Intel® HD Graphics 2000)
	Intel® Core™ i3-2120 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Pentium® processor G850 (2 Cores / 2 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics)
Operating systems	
Operating system	Windows® 7 Home Basic (EM) 32-bit
	Windows® 7 Home Premium 64-bit
	Windows® 7 Professional 32-bit
	Windows® 7 Professional 64-bit
Operating system compatible	openSUSE Linux
	Windows Vista®
	Windows® XP
Operating system notes	Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com
Memory modules	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
	4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
Hard disk drives (internal)	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA II, 128 GB, 2.5-inch, FDE
	mSATA, 16 GB, Flash drive
	mSATA, 8 GB, Flash drive
	mSATA, 4 GB, Flash drive
	mSATA, 2 GB, Flash drive
	mSATA, 1 GB, Flash drive
	HDD SATA III, 7200 rpm, 1000 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 500 GB, 3.5-inch, business critical
	HDD SATA III, 7200 rpm, 500 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 250 GB, 3.5-inch
	HDD SATA II, 7200 rpm, 320 GB, 2.5-inch
	HDD SATA II, 7200 rpm, 160 GB, 2.5-inch
Hard disk notes	Up to 18 GB of HDD space is reserved for system recovery
Graphics add on cards (optional)	NVIDIA® Quadro® NVS 300 LP, 512 MB
	NVIDIA® GeForce® GT630 DisplayPort 2GB LP, 2 GB
	NVIDIA® GeForce® 605 DisplayPort 1GB LP, 1 GB
	LFH59/ 2x DVI-I adapter cable
	LFH59/ 2x DP adapter cable
	DP to DVI-D (single link) Adapter Cable
	2nd NVIDIA® Quadro® NVS 300 LP, 512 MB
Drives (optional)	BD Triple Writer SATA slim (tray)
	DVD-ROM
	DVD Super Multi
	MCR 24in1 & USB 3.0 front con., 3.5"
	MultiCard Reader 20in1 USB 3.0 front con., 3.5-Inch
	MultiCard Reader 24in1 USB 2.0 3.5"

Interface add on cards/components (optional)

	WLAN III, 802.11g/Draft-n (Windows only, dedicated regions only)
	Parallel Interface
	Gigabit Ethernet PCIe x1, DS
	eSATA Interface
	Dual serial card PCIe x1, powered
	Dual serial card PCIe x1

Base unit	ESPRIMO E700 E90+

Mainboard

Mainboard type	D3061
Formfactor	µATX
Chipset	Intel® Q65
Processor socket	LGA 1155
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	32 GB
Memory frequency	1333 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same. > 16 GB support with future memory modules
LAN	10/100/1000 MBit/s Intel® 82579 V
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio codec	Conexant CX20642
Audio features	Internal speaker supports audio playback, High Definition audio, 5.1 surround sound

I/O controller on board

Serial ATA total	5
thereof SATA III	1
thereof eSATA	2 (optional)
Controller functions	Serial ATA II (3 Gbit) Serial ATA III (6 Gbit) NCQ AHCI

Interfaces

Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	14
USB 3.0 total	optional
USB front	4
USB rear	8
USB internal	2
VGA	1 (via DVI to VGA adapter, part of shipment)
DisplayPort	1
DVI	1 (DVI-I)
Serial (RS-232)	1 (9pin, 16 byte FIFO, 16550 compatible)

Interfaces

Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1 (optional) (25pin with EPP and ECP)
eSATA	1 (optional)
Interface Module notes	Anytime USB charge functionality

Input device / components

	Optical USB tilt wheel mouse
Input devices (optional)	Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO

Drive bays

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"

Slots

PCI-Express 2.0 x16	1 x (200 mm / 7.87 inch) Low profile
PCI-Express 2.0 x4 (mech. x16)	1 x (200 mm / 7.87 inch) Low profile
PCI-Express x1	1 x (174 mm / 6.85 inch) Low profile
PCI (32-bit / 33 MHz)	1 x (174 mm / 6.85 inch) Low profile
Slots optional configuration	or 2x PCI full high via Riser

Graphics on board

Graphics brand name	Intel® HD Graphics or HD Graphics 2000 (depending on CPU)
Shared video memory	up to 1759 MB
TFT resolution (VGA)	1024 x 768 pixel 1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1600 x 1200 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DisplayPort)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel 2560 x 1440 pixel 2560 x 1600 pixel
Graphics features	Dual display support DirectX 10.1 HDCP support OpenGL® 2.1 For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows 7® only)

Graphics on board

Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible
	Shared memory depending on main memory size and operating system
	Resolution (color depth up to 32 Bit/pixel)
	For TFT we recommend using 60Hz

Electrical values

Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 88% / 92% / 91%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	280 W
Power factor correction/active power	active
Monitor outlet	Switched

Power consumption

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=3e39a1c1-4835-4166-a19e-868fd1584abf

Heat dissipation

Heat dissipation notes	See white paper Energy Consumption

Noise for standard configuration (HDD, ODD)

Noise emission	According to ISO9296
Related Processors for noise	Intel® Core™ i5 2400
Noise Operation mode 1: ODD load (Blue angel requirement)	4.1 B/ 27 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.4 B/ 19 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	3.5 B/ 21 dB(A)
Noise Operation mode 4: High load	3.6 B/ 21 dB(A)
Noise Operation mode 5: Office applications 2.0	3.4 B/ 19 dB(A)
Idle mode (Blue Angel requirement)	3.4 B/ 19 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position

Dimensions / Weight / Environmental

Dimensions (W x D x H)	340 x 382 x 98 mm
	13.39 x 15.04 x 3.86 inch
Operating position	horizontal / vertical (optional, feet needed)
Weight	10 kg
Weight (lbs)	22.05 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C (50 - 95°F)

Compliance

Product	ESPRIMO E700
Model	DT8-3061
Germany	TÜV GS
Europe	CE
	Nordic Swan
USA/Canada	FCC Class B
	cCSAus

Compliance

Global	RoHS (Restriction of hazardous substances)
	WEEE (Waste electrical and electronic equipment)
	Microsoft Operating Systems (HCT / HCL entry / WHQL)
	ENERGY STAR®
	EPEAT® Gold (dedicated regions)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Additional Software

Additional software (preinstalled)	Nero Essentials S (burning software)
	Fujitsu Recovery (Hard Disk Based Recovery)
	Norton Internet Security (incl. Firewall) 60 days version
	Don't forget Office.
Additional software (optional)	Recovery DVD for Windows®
	Drivers & Utilities DVD (DUDVD)
	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics)

Miscellaneous

	Keyboard on (Special Fujitsu keyboard required)
	Thermal management
	Extended lifetime

Compatibility (references)

	DMI 2.0
	PC 2001
	WMI 1.5
	USB 2.0
	SMBIOS

Manageability

Manageability technology	DeskUpdate Driver management
	PXE 2.1 Boot code
	Wake up from S5 (off mode)
	Intrusion switch (optional)
	Intel® Standard Manageability
	WoL (Wake on LAN)
Manageability software	DeskView Client
	DeskView Instant BIOS Management
	DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management
	BIOS Management
	Driver Management
	Security Management
	Alarm Management
Manageability link	http://ts.fujitsu.com/manageability

Security

System protection	Kensington Lock support
	Eye for padlock
	Optional: Integrated cabinet lock
Audit proof protection	Boot sector virus protection
	Write protect option for the Flash EPROM
	Embedded security (TPM 1.2)
	Control of all USB interfaces
	External USB ports can be disabled separately
	Control of external interfaces
Access protection	User and supervisor BIOS password
	Hard disk password
	Optional: Access protection via external SmartCard reader
	Optional: Access protection via internal SmartCard reader

Serviceability

	EasyFix
	EasyChange for HDD
	EasyChange for optical drives

Packaging information

Packaging dimension (mm)	467 x 265 x 540 mm
Packaging dimension (inch)	18.39 x 10.43 x 21.26 inch
Max. quantity / pallet	28
Material - Weight (g) Carton	1140 g
Material - Weight (lbs) Carton	2.51 lbs
Material - Weight (g) EPS / PS	180 g
Material - Weight (lbs) EPS / PS	0.4 lbs
Material - Weight (g) PE	60 g
Material - Weight (lbs) PE	0.13 lbs
Packaging notes	printed user documentation is bleached in chlorine free process

Warranty

Standard Warranty	1 year
Service level	Bring-In / On-Site Service (depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://www.fujitsu.com/fts/services/support/index.html

Recommended Accessories

Wireless Keyboard Set LX900	The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.	S26381-K564-L4** (**: Country specific variation)
Keyboard KBPC PX ECO	Fujitsu's KBPC PX ECO keyboard is the perfect contribution to Green IT. The keyboard is made out of 45% renewable raw material and comes with a PVC free USB cable. In addition, the KBPC PX ECO offers first class comfort and ergonomics. It attracts attention with its impressive modern design and useful extras.	S26381-K341-L1** (**: country specific variation)
SOUNDSYSTEM DS E2000 Air	The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.	Order Code: S26391-F7128-L600
WebCam 130 HD2	With the most advanced HD (High Definition / 720p) recording feature and widescreen video format (16:9 and 16:10), WebCam 130 HD2 can capture up to 30 frame rate per second, close up to HD/720p quality video. Even more: 1-Click-Upload makes the video uploading to YouTube in a snap! With smart clip for notebook & LCD display it is easy to install on any device you want.	Order Code: S26391-F7136-L5

HS E2000 Communicator Headset	The Fujitsu HS E2000 Communicator headset allows you to use your personal computer for Voice over IP (VoIP) in stereo audio quality. This premium headset is designed to provide superb audio quality and comfort for the telephony, internet chat, speech recognition, video conferencing and multimedia applications.	Order Code: S26391-F7139-L5
CELVIN® Drive D100	The CELVIN® Drive D100 is a highly reliable external storage device with a standard USB-interface for easy Plug & Play use with a notebook or PC. It is also easy to set up additional home network capacity by connecting it with dedicated routers or NAS devices.	Order Code: S26341-F103-L118

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ESPRIMO E700 E90+, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO E700 E90+, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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