

Fujitsu recommends Windows 8 Pro.

Data Sheet

Fujitsu ESPRIMO P700 E90+ Desktop PC

Excellent Performance, Expandability And Energy Efficiency

Fujitsu ESPRIMO P700 PCs bring you highly expandable technology for your challenging business applications. The use of identical components 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.

Microtower

Maximum performance and optimal extendability

- High-quality, high-value microtower, 7 drive bays, 4 PCI/PCI express interfaces

Energy efficiency

Low power consumption and low costs, without any loss in performance

- Sophisticated technology, low energy-consuming processors, up to 92% efficient power supply, switched monitor port 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

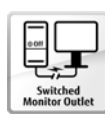
Pleasant working environment due to an extremely quiet system

- 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™ 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 II, 128 GB, 2.5-inch, FDE 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, 1000 GB, 3.5-inch, S.M.A.R.T. HDD SATA II, 7200 rpm, 320 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® GeForce® GT630 DisplayPort 2GB FH, 2 GB NVIDIA® GeForce® 605 DisplayPort 1GB FH, 1 GB LFH59/ 2x DVI-I adapter cable DP to DVI-D (single link) Adapter Cable |
| Drives (optional) | |
| | BD Triple Writer SATA slim (tray) DVD-ROM DVD Super Multi MCR 24in1 & USB 3.0 front con., 3.5" 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 P700 E90+ |
| Mainboard | |
| Mainboard type | D3061 |
| Formfactor | µATX |
| Chipset | Intel® Q65 |
| Processor socket | LGA 1155 |
| Processor quantity maximum | 1 |

Mainboard

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| 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

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

Drive bays

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|------------------------|---|
| Drive bays total | 7 |
| 2.5-inch internal bays | 1 |
| 3.5-inch internal bays | 2 |
| 3.5-inch external bays | 2 |

Drive bays

| | |
|-------------------------|---|
| 5.25-inch external bays | 2 |
|-------------------------|---|

Slots

| | |
|--------------------------------|---------------------------------------|
| PCI-Express 2.0 x16 | 1 x (312 mm / 12.29 inch) Full height |
| PCI-Express 2.0 x4 (mech. x16) | 1 x (312 mm / 12.29 inch) Full height |
| PCI-Express x1 | 1 x (312 mm / 12.29 inch) Full height |
| PCI (32-bit / 33 MHz) | 1 x (170 mm / 6.7 inch) Full height |

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 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=0d15d3d5-f024-4f36-addf-797740ffea6c |

Heat dissipation

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|------------------------|------------------------------------|
| Heat dissipation notes | See white paper Energy Consumption |
|------------------------|------------------------------------|

Noise for standard configuration (HDD, ODD)

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|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 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) | 3.4 B/ 19 dB(A) |
| Noise Operation mode 4: High load | 3.4 B/ 20 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) | 175 x 419 x 395 mm 6.89 x 16.5 x 15.56 inch |
| Operating position | Vertical |
| Weight | 11 kg |
| Weight (lbs) | 24.25 lbs |
| Weight notes | Actual weight may vary depending on configuration |
| Operating ambient temperature | 10 - 35°C (50 - 95°F) |

Compliance

| | |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product | ESPRIMO P700 |
| Model | MI5W-3061 |
| Germany | TÜV GS |
| Europe | CE Nordic Swan |
| USA/Canada | FCC Class B cCSAus |
| 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

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|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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://www.fujitsu.com/fts/manageability |

Security

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|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System protection | Kensington Lock support Eye for padlock Optional: Integrated cabinet lock |
| Audit proof protection | EraseDisk (optional) 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

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|-----------------------------------------|-----------------------------------------------------------------|
| Packaging dimension (mm) | 516 x 278 x 562 mm |
| Packaging dimension (inch) | 20.31 x 10.94 x 22.13 inch |
| Max. quantity / pallet | 24 |
| Material - Weight (g) Carton | 1405 g |
| Material - Weight (lbs) Carton | 3.1 lbs |
| Material - Weight (g) EPS / PS | 160 g |
| Material - Weight (lbs) EPS / PS | 0.35 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

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|--------------------------|--------|
| Standard Warranty | 1 year |
|--------------------------|--------|

Warranty

| | |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Service level | Bring-In / On-Site Service (for countries within region FTS CEMEA&I / for all other countries depending on local regulations, minimum: 1 year material warranty) |
| Warranty Terms & Conditions | http://support.ts.fujitsu.com/warranty |
| Maintenance and Support Services - the perfect extension | |
| Recommended Service | 5x9, Response Time: Next Business Day |
| Spare Parts availability | 5 years after end of product life |
| Service Weblink | http://www.fujitsu.com/fts/services/support |

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)

Keyboard KB900

The KB900 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB900 the ideal input device for any PC or Notebook user. If you accidentally spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.

S26381-K560-L4** (**:
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 P700 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 P700 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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