

Fujitsu recommends Windows 8 Pro.

# Data Sheet

## Fujitsu ESPRIMO C720 Desktop PC

Your Ultra Small Form Factor PC

The Fujitsu ESPRIMO C720 has an ultra-small form factor with a volume of less than 8-liters, making it ideal for your space-constrained office. A 90%-efficient power supply and Intel® Standard Manageability will lower your energy and administrative costs. A professional Intel® Core™ processor ensures great performance. Plus, EraseDisk ensures secure system retirement.



### Green technology

Fujitsu's contribution to environmental protection and sustainability

- Modern, environmentally friendly product concept from development to recycling

### Energy efficiency

Reduced energy consumption and lower costs - without any loss of performance

- Sophisticated technology, low energy-consuming processors and enhanced power management settings

### Made in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests - all under one roof in Germany

### Flexibility

Systems tailored to meet your business requirements

- Flexible logistics concept - Customizing program (made4you)



### Compact design

Top quality PC for office environments with little space; can be positioned both horizontally and vertically

- Ultra small form factor PC with only 7.4 liters volume, integrated, highly efficient power supply, legacy interfaces and powered serial ports



# Components

<b>Processor</b>	Intel® Core™ i7-4770 processor (4 Cores / 8 Threads, 3.40 GHz, up to 3.9 GHz, 8 MB, Intel® HD Graphics 4600) * Intel® Core™ i5-4670 processor (4 Cores / 4 Threads, 3.40 GHz, up to 3.8 GHz, 6 MB, Intel® HD Graphics 4600) * Intel® Core™ i5-4570 processor (4 Cores / 4 Threads, 3.20 GHz, up to 3.6 GHz, 6 MB, Intel® HD Graphics 4600) * Intel® Core™ i3-4130 processor (2 Cores / 4 Threads, 3.40 GHz, 3 MB, Intel® HD Graphics 4400) Intel® Pentium® processor G3420 (2 Cores / 2 Threads, 3.20 GHz, 3 MB, Intel® HD Graphics) Intel® Pentium® processor G3220 (2 Cores / 2 Threads, 3.00 GHz, 3 MB, Intel® HD Graphics) *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)
<b>Operating systems</b>	
<b>Operating system</b>	Windows 8 Pro Windows 8 Windows® 7 Professional 64-bit Windows® 7 Professional 32-bit
<b>Operating system compatible</b>	openSUSE Linux
<b>Memory modules</b>	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM 4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM 8 GB (1 module(s) 8 GB) DDR3, unbuffered, non-ECC, 1600 MHz, PC3-12800, DIMM
<b>Hard disk drives (internal)</b>	SSHD SATA III, 7200 rpm, 1000 GB, 3.5-inch SSHD SATA III, 5400 rpm, 500 GB, 2.5-inch SSD SATA III Premium, 256 GB, 2.5-inch SSD SATA III Premium, 128 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch, SED SSD SATA III, 128 GB, 2.5-inch HDD SATA III, 7200 rpm, 2000 GB, 3.5-inch 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, 5400 rpm, 320 GB, 2.5-inch
<b>Hard disk notes</b>	Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) SSD (Solid State Disk) SED (Self-Encrypting Drive)
<b>Graphics</b>	NVIDIA® NVS 300 LP, 512 MB NVIDIA® GeForce® GT630 DisplayPort 2GB LP 0-Watt, 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
<b>Drives (optional)</b>	BD Triple Writer SATA slim (tray) DVD SuperMulti SATA slim DVD Super Multi Slot-in slim

**Interface add on cards/components  
(optional)**

Parallel Interface  
Gigabit Ethernet PCIe x1, DS  
eSATA Interface  
Dual serial card PCIe x1

Base unit ESPRIMO C720

**Mainboard**

Mainboard type	D3224
Formfactor	proprietary
Chipset	Intel® Q85
Processor socket	LGA 1150
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	32 GB
Memory frequency	1600 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.
LAN	10/100/1000 MBit/s Intel® L217LV
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback, High Definition audio

**I/O controller on board**

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

**Interfaces**

Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	8
USB 3.0 total	4
USB front	2x 2.0/ 2x 3.0
USB rear	4x 2.0/ 2x 3.0
USB internal	2
VGA	1 (via DVI to VGA adapter, part of shipment)
DisplayPort	1
DVI	1 (DVI-I)
Serial (RS-232)	2 (powered, 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)

**Interfaces**

<b>Interface Module notes</b>	Anytime USB charge functionality
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**Input device / components**

<b>Input devices (optional)</b>	Optical USB wheel mouse Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO
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**Drive bays**

<b>Drive bays total</b>	2
<b>3.5-inch internal bays</b>	1
<b>5.25-inch external bays</b>	1
<b>Drive bay notes</b>	slim optical disc drive

**Slots**

<b>PCI-Express 3.0 x16</b>	1 x (220 mm / 8.66 inch) Low profile
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**Graphics on board**

<b>Graphics brand name</b>	Intel® HD Graphics 4000, Intel® HD Graphics 4600
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<b>Shared video memory</b>	up to 1782 MB
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<b>TFT resolution (VGA)</b>	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
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<b>TFT resolution (DVI)</b>	1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
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<b>TFT resolution (DisplayPort)</b>	1280 x 1024 pixel 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 3840 x 2160 pixel (requires Intel® Core™ i3, i5 or i7 processor)
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<b>Graphics features</b>	Dual display support DirectX® 11.1 HDCP support Open GL® 3.3 Open CL® 1.2 For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows® 7 or Windows 8)
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<b>Graphics notes</b>	up to 1 GB dedicated video memory (main memory owned and locked for graphics use) 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
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**Electrical values**

Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 87% / 90% / 87%
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	225 W
Power factor correction/active power	active
Monitor outlet	No

**Power consumption**

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=325bf418-58ca-4368-a1e0-2d08e2051d75">http://docs.ts.fujitsu.com/dl.aspx?id=325bf418-58ca-4368-a1e0-2d08e2051d75</a>

**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
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**Noise emission**

Related Processors for noise	Intel® Core™ i7 xxxx
Standard noise emission	2x2 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A))
Standard noise operation mode: CPU 50% load	3.8 B / 24 dB(A) Bystander; 27 dB(A) Operator position
Standard noise operation mode: HDD load	3.7 B / 24 dB(A) Bystander; 26 dB(A) Operator position
Standard noise operation mode: Idle mode	3.7 B / 23 dB(A) Bystander; 25 dB(A) Operator position
Standard noise operation mode: ODD load	4.3 B / 30 dB(A) Bystander; 34 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	3.7 B / 23 dB(A) Bystander; 25 dB(A) Operator position
Blue angel noise emission according certification	for max. possible configuration According to ISO 7779:2010, ECMA-74
Blue angel noise notes / description	A-weighted sound power level Lwad (in B); 1B = 10dB
Blue angel noise operation mode: HDD load	3.7 B = 37 dB
Blue angel noise operation mode: Idle mode	3.7 B = 37 dB
Blue angel noise operation mode: ODD load	4.3 B = 43 dB

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	265 x 315 x 88 mm 10.44 x 12.4 x 3.47 inch
Operating position	Vertical / horizontal (no feet needed)
Weight	6 kg
Weight (lbs)	13.2 lbs
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C (50 - 95 °F)

**Compliance**

<b>Product</b>	ESPRIMO C720
<b>Model</b>	USD
<b>Germany</b>	TÜV GS
<b>Europe</b>	CE
<b>USA/Canada</b>	FCC Class B cCSAus
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 (dedicated regions) EPEAT® in progress (dedicated regions)
<b>Compliance link</b>	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	Workplace Protect (secure authentication solution) Adobe® Reader® McAfee Multi Access (anti virus and internet security software; 60 days trial version) Win7: Fujitsu Recovery (Hard Disk Based Recovery) Win8: Microsoft Push Button Recovery (Hard Disk Based Recovery) Microsoft Office - buy license to activate the pre-installed Microsoft Office
<b>Additional software (optional)</b>	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD (BD/DVD playback software for Blu-ray Disc™) CyberLink PowerDVD (DVD playback software) Nero Essentials XL

**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**

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

**Security**

<b>Physical Security</b>	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)
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<b>Security</b>	
<b>System and BIOS Security</b>	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
<b>User Security</b>	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional) Access protection via internal SmartCard reader (optional)
<b>Serviceability</b>	
	EasyFix EasyChange for HDD
<b>Packaging information</b>	
<b>Packaging dimension (mm)</b>	467 x 265 x 540 mm
<b>Packaging dimension (inch)</b>	18.39 x 10.43 x 21.26 inch
<b>Max. quantity / pallet</b>	28
<b>Material - Weight (g) Carton</b>	940 g
<b>Material - Weight (lbs) Carton</b>	2.07 lbs
<b>Material - Weight (g) EPS / PS</b>	190 g
<b>Material - Weight (lbs) EPS / PS</b>	0.42 lbs
<b>Material - Weight (g) PE</b>	60 g
<b>Material - Weight (lbs) PE</b>	0.13 lbs
<b>Packaging notes</b>	printed user documentation is bleached in chlorine free process
<b>Warranty</b>	
<b>Standard Warranty</b>	1 year
<b>Service level</b>	Bring-In / Onsite Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 1 year material warranty)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Maintenance and Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

### Display B23T-6 LED



The B23T-6 LED offers best ergonomics and usability for intensive office use with a 4-in-1 stand. High resolution for pin sharp pictures with modern applications

Order Code:  
S26361-K1388-V140

**Display B24W-6 LED**

The Fujitsu Display B24W-6 LED combines the best ergonomic and energy saving solutions for intensive office use. The flexible stand with height adjust assures an individual and healthy posture for long-time working sessions. With its impressive screen size it allows working on different documents in parallel or standard CAD applications.

Order Code:  
S26361-K1427-V140

**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

**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)



## More information

### Fujitsu OPTIMIZATION Services

In addition to Fujitsu ESPRIMO C720, 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/](http://www.fujitsu.com/global/services/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about Fujitsu ESPRIMO C720, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts/ESPRIMO](http://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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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