

Fujitsu recommends Windows 10 Pro.

Data Sheet

FUJITSU Desktop ESPRIMO C720

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

*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)

Operating systems

Operating system pre-installed	Windows 8.1 Pro Windows 8.1 Windows 7 Professional 64-bit Windows 7 Professional 32-bit
Operating system compatible	Windows 10 Pro (license + recovery media only) openSUSE Linux

Hard disk notes

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)

Base unit

Base unit	ESPRIMO C720
Mainboard	
Mainboard type	D3224
Formfactor	proprietary
Chipset	Intel® Q85
Processor socket	LGA 1150
Processor quantity maximum	1
Supported capacity RAM (max.)	32 GB
Memory slots	4 DIMM (DDR3)
Memory frequency	1,600 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	10/100/1,000 MBit/s Intel® I217LV
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
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

Interfaces

Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	8
USB 3.1 Gen1 (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)
Interface Module notes	Anytime USB charge functionality

Input device / components

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

Drive bays

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

Slots

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

Graphics brand name	Intel® HD Graphics, HD Graphics 4400, HD Graphics 4600 (depending on processor)
Shared video memory	up to 1,782 MB
TFT resolution (VGA)	1,024 x 768 pixel 1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,600 x 1,200 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel
TFT resolution (DVI)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel

Graphics on board

TFT resolution (DisplayPort)	1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel 1,920 x 1,200 pixel 2,560 x 1,440 pixel 2,560 x 1,600 pixel 3,840 x 2,160 pixel (requires Intel® Core™ i3, i5 or i7 processor)
Graphics features	Dual display support DirectX® 11.1 HDCP support Open CL® 1.2 OpenGL® 4.0 One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows® 7 or Windows 8)
Graphics notes	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

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	http://docs.ts.fujitsu.com/dl.aspx?id=8e71ef44-8bd5-4aaa-aa5d-138b501669d6

Heat dissipation

Heat dissipation notes	See white paper Energy Consumption
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Noise emission

Related Processors for noise	Intel® Core™ i7 4770
Standard noise emission	2x2 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
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 operation mode: HDD load	3.7 B = 37 dB

Noise emission

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)

Operating relative humidity 5 - 85 % (relative humidity)

Compliance

Product ESPRIMO C720

Model USD

Germany TÜV GS
Blauer Engel / Blue Angel

Europe CE

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)
EPEAT® Gold (dedicated regions)
ENERGY STAR® 6.0 (dedicated regions)

Compliance link <https://sp.ts.fujitsu.com/sites/certificates>

Compatibility (references)**Additional Software**

Additional software (preinstalled) Workplace Protect (secure authentication solution)
Adobe® Reader® (pdf reader)
McAfee Multi Access Security (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)

Additional software (optional) Recovery DVD for Windows®
Drivers & Utilities DVD (DUDVD)
CyberLink PowerDVD BD (playback software for Blu-ray Disc™)
CyberLink PowerDVD DVD (playback software for DVD)
Nero Essentials XL

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 components Inventory Management
BIOS Management
Driver Management
Security Management
Alarm Management

Manageability

Supported standards	DMI PXE WMI
Manageability link	http://www.fujitsu.com/fts/manageability

Security

Physical Security	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)
System and BIOS Security	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
User Security	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional) Access protection via internal SmartCard reader (optional)

Miscellaneous

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

	EasyFix EasyChange for HDD
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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	940 g
Material - Weight (lbs) Carton	2.07 lbs
Material - Weight (g) EPS / PS	190 g
Material - Weight (lbs) EPS / PS	0.42 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

Warranty period	1 year (for countries in EMEA)
Warranty type	Bring-In / Onsite Service (for countries within region EMEA, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Product Support Services - the perfect extension

Recommended Service	9x5, Onsite 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

Display B24-8 TE Pro

The FUJITSU Display B24-8 TE Pro is made for intensive office work. With visual and mechanical ergonomics this marble-grey display enables fatigue-free working for hours in front of the screen. The large 60.5 cm (23.8-inch) screen allows you to keep always track of all open applications. This high-quality display works unfailingly around the clock. Easy connectivity, manageability and usability help you increase your productivity.

Order Code:
S26361-K1577-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

UC&C USB Headset Stereo H650e

The UC&C USB Headset Stereo H650e is the ultimate in style and functionality. Long, uncomfortable work calls are a thing of the past thanks to the cushioned ear pads and crystal clear sound. Adjustable headband and microphone provides the perfect fit for everyone. Optimized for Microsoft® Lync™ the headset displays a red 'in-call' LED to let your co-workers know when you're available, thus helping to boost office productivity.

Order Code:
S26391-F7139-L10

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU Desktop 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/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about FUJITSU Desktop ESPRIMO C720, 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 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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