

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Desktop ESPRIMO Q957

The Mini with More PC per cm<sup>3</sup>

The FUJITSU ESPRIMO Q957 mini PC provides excellent performance, high energy efficiency and manageability. The Intel® Core™ processor and Intel® vPro™ technology combined with the DeskView manageability suite support professional computing and sophisticated manageability. With its innovative Low Power Active Mode feature you are ready for instant communication in the modern office. Experience a cleaner, quieter workplace with Zero Noise PC function and the small footprint of the FUJITSU ESPRIMO Q957.

### An elegant mini PC for the modern office environment

Eye-catching exclusive modern design

- Fully equipped PC with a volume of ~2.0 liters - based on standard desktop technology

### Always Available Office PC - stay connected and save power

Be ready for instant communication and significantly reduce your energy bill

- Innovative Low Power Active Mode and highly-efficient integrated power-supply

### Unleash the power

Latest Intel® technology to support your challenging business applications

- 7th generation Intel® Core™ processor family

### Sophisticated system management

Simple system administration even in complex IT infrastructures

- Intel® vPro™ technology (depending on processor) and DeskView manageability suite

### Superb usability

Efficient working environment due to a tidy desk

- Horizontal or vertical operations, an integrated VESA mount and a service door for easy upgrade of major components



# Components

<b>Operating systems</b>	
<b>Operating system pre-installed</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
<b>Operating system compatible</b>	Windows 7 Professional 32-bit (available through downgrade rights from Windows 10 Pro) (with 6th generation Intel® processors) Windows 7 Professional 64-bit (available through downgrade rights from Windows 10 Pro) (with 6th generation Intel® processors)
<b>Operating system notes</b>	Systems with 7th generation Intel® processor receive support from Microsoft with Windows 10 Home / Windows 10 Pro only. For more information, please see Microsoft Support Lifecycle. Downgrade to Microsoft Windows 7 Professional only available with 6th generation Intel® processor Certified for SUSE Enterprise Desktop Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Windows 10 releases for a period of maximum 5 years – depending on the available extension of hardware services through FUJITSU Warranty top ups. For details please see "FUJITSU Service Statement for Windows 10 Semi-Annual-Channel Support" at <a href="http://support.ts.fujitsu.com">http://support.ts.fujitsu.com</a> .
	Intel® vPro™ Logo with Intel® Core i5 and Core i7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables) **6th generation Intel® processor
<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)

# Base unit

<b>Base unit</b>	ESPRIMO Q957
<b>Mainboard</b>	
<b>Mainboard type</b>	D3513
<b>Formfactor</b>	proprietary
<b>Chipset</b>	Intel® Q270
<b>Processor socket</b>	LGA 1151
<b>Processor quantity maximum</b>	1
<b>Supported capacity RAM (max.)</b>	32 GB
<b>Memory slots</b>	2 DIMM (DDR4)
<b>Memory frequency</b>	2,400 MT/s
<b>Memory notes</b>	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 DDR4 2,400 MHz will be clocked with 2,133 MHz in combination with 6th generation Intel® processor
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219LM
<b>Integrated WLAN</b>	1 (optional with Bluetooth together)
<b>BIOS version</b>	AMI Aptio V UEFI Specification 2.5
<b>BIOS features</b>	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) CSM (Compatibility Support Module)
<b>Audio type</b>	On board

**Mainboard**

Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback (optional), High Definition audio

**I/O controller on board**

Serial ATA total	2
thereof SATA III	2
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI

**Interfaces**

Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	2
USB 3.1 Gen1 (USB 3.0) total	7
USB front	2x USB 3.0 and 1x USB 3.1 Type-C (Gen1)
USB rear	2x USB 2.0 and 4x USB 3.0
VGA	optional: via external active adapter cable
DisplayPort	2
DVI	1 (DVI-D)
Serial (RS-232)	1 9pin, 16 byte FIFO, 16550 compatible
Mouse / Keyboard (PS/2)	0/1 optional (with PC on/off function on Pin6)
Ethernet (RJ-45)	1
Interface Module notes	Anytime USB charge functionality, USB Typ C connector supports up to 15W

**Input device / components**

Input devices (optional)	Keyboard Mouse KBPC PX ECO Mouse M440 ECO
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**Drive bays**

Drive bays total	3
2.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim tray for 5.25"; M.2-2280 for SSD
M.2-2280	1 x 1 on mainboard (for PCIe or SATA SSD modules)

**Slots**

M.2-2230	on mainboard for WLAN module
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**Graphics on board**

Graphics brand name	Intel® HD Graphics 510, Intel® HD Graphics 530, Intel® HD Graphics 610, Intel® HD Graphics 630
Shared video memory	up to 1,782 MB
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**

<b>TFT resolution (DisplayPort)</b>	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 3,440 x 1,440 pixel 3,840 x 2,160 pixel 4,096 x 2,304 pixel
<b>Graphics features</b>	Support for up to three independent displays DirectX® 12 HDCP support OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors) OpenGL® 4.4 DisplayPort interface supports Ver. 1.2 incl. Multi-Stream DVI-D interface supports audio output for HDMI monitors
<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

**Electrical values**

<b>Power efficiency note</b>	power supply efficiency (at 230V; 2 Watt/ 10% / 20% / 50% / 100% load) : > 85%/ 90% / 90% / 92% / 92%
<b>Rated voltage range</b>	100 V - 240 V
<b>Rated frequency range</b>	50 Hz - 60 Hz
<b>Operating voltage range</b>	90 V - 264 V
<b>Operating line frequency range</b>	47 Hz - 63 Hz
<b>Max. output of single power supply</b>	65 W (integrated in system)
<b>Power factor correction/active power</b>	No (meets input harmonic current according EN61000-3-2)

**Power consumption**

<b>Power consumption note</b>	See white paper Energy Consumption
<b>Link to Energy White Paper</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=84543802-fb10-464e-a406-9d28984f7652">http://docs.ts.fujitsu.com/dl.aspx?id=84543802-fb10-464e-a406-9d28984f7652</a>

**Heat dissipation**

<b>Heat dissipation notes</b>	See white paper Energy Consumption
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**Noise emission**

<b>Related Processors for noise</b>	Intel® Core™ i7 7700T
<b>Standard noise emission</b>	2x4 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
<b>Standard noise notes / description</b>	A-weighted sound power level L <sub>wad</sub> (in B) / Workplace related A-weighted sound pressure level L <sub>pAm</sub> (in dB(A))
<b>Standard noise operation mode: CPU 50% load</b>	3.4 B / 22 dB(A) Bystander; 24 dB(A) Operator position
<b>Standard noise operation mode: HDD load</b>	3.1 B / 17 dB(A) Bystander; 18 dB(A) Operator position
<b>Standard noise operation mode: Idle mode</b>	3.0 B / 17 dB(A) Bystander; 17 dB(A) Operator position
<b>Standard noise operation mode: ODD load</b>	4.4 B / 31 dB(A) Bystander; 35 dB(A) Operator position
<b>Standard noise operation mode: Office applications 2.0</b>	3.0 B / 17 dB(A) Bystander; 17 dB(A) Operator position
<b>Blue angel noise emission according certification</b>	According to ISO 7779:2010, ECMA-74 for max. possible configuration
<b>Blue angel noise notes / description</b>	A-weighted sound power level L <sub>wad</sub> (in B); 1B = 10dB

**Noise emission**

**Blue angel noise operation mode: HDD load** 3.5 B = 35 dB (A)

**Blue angel noise operation mode: Idle mode** 3.1 B = 31 dB (A)

**Blue angel noise operation mode: ODD load** 4.4 B = 44 dB (A)

**Dimensions / Weight / Environmental**

**Dimensions (W x D x H)** 186 x 191 x 59 mm  
7.32 x 7.49 x 2.30 inch

**Operating position** Vertical / horizontal (no feet needed)

**VESA mount** integrated (100 mm & 75 mm), applicable for selected monitors only, additional mounting kit for specific monitors optional

**Weight** 1.6 kg

**Weight (lbs)** 3.53 lbs

**Weight notes** Weight may vary depending on actual configuration (without ODD)

**Operating ambient temperature** 10 - 35 °C (50 - 95 °F)

**Operating relative humidity** 5 - 85 % (relative humidity)

**Compliance**

**Product** ESPRIMO Q957

**Model** MPC3

**Germany** TÜV GS

**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)  
ENERGY STAR® 6.1 (dedicated regions)  
EPEAT® Gold (dedicated regions)  
TCO Certified Desktop

**China** CCC (depending on configuration)  
CEL (Chinese energy label)

**Compliance notes** This product is free of polyvinyl chloride (PVC) when ordered with the optional PVC free power cord

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

**Additional Software**

**Additional software (preinstalled)** Adobe® Reader® (pdf reader)  
McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre-installed)  
Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy 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  
Microsoft® Office Professional 2019  
Microsoft® Office Home and Business 2019  
(A Microsoft Account is required to activate each copy of these products. For purchase and activation only in the region in which it was acquired.)

**Manageability****Security**

**Physical Security** Kensington Lock support  
Intrusion switch (optional)  
Eye for padlock  
Housing Lock Spring (to use with Kensington lock), (optional)

<b>Security</b>	
<b>System and BIOS Security</b>	Embedded security (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511) Boot sector virus protection Write protect option for the Flash EPROM 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 internal SmartCard reader (optional) Access protection via external SmartCard reader (optional) Embedded PalmSecure® sensor (optional) Workplace Protect (secure authentication solution)
<b>Workplace Embedded Tools</b>	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server Easy PC Protection
<b>Security notes</b>	Choose people over passwords. Protect your business with PalmSecure technology # <a href="http://choosepeopleoverpasswords.global.fujitsu.com/#">http://choosepeopleoverpasswords.global.fujitsu.com/#</a> High accuracy: PalmSecure™ has a proven false rejection rate of 0.01 percent and a false acceptance rate of less than 0.00001 percent. No other system in the world can match this performance.#Hygienic and non-invasive: Contactless scanner#Easy to use: Scanning is intuitive and people feel no mental resistance to it.
<b>Miscellaneous</b>	
	Keyboard on (special Fujitsu keyboard required and PS/2 option) Thermal management Low Power Active Mode Extended lifetime
<b>Serviceability</b>	
	EasyChange for HDD EasyChange for optical drives
<b>Packaging information</b>	
<b>Packaging dimension (mm)</b>	395 x 198 x 284 mm
<b>Packaging dimension (inch)</b>	15.55 x 7.8 x 11.18 inch
<b>Max. quantity / pallet</b>	84
<b>Material - Weight (g) Carton</b>	670 g
<b>Material - Weight (lbs) Carton</b>	1.48 lbs
<b>Material - Weight (g) EPS / PS</b>	10 g
<b>Material - Weight (lbs) EPS / PS</b>	0.02 lbs
<b>Material - Weight (g) PE</b>	125 g
<b>Material - Weight (lbs) PE</b>	0.28 lbs
<b>Packaging notes</b>	If keyboard is included in packaging: 1.) packaging dimension is increasing to: 500 x 208 x 290mm / (19.69 x 8.19 x 11.42 inch); 2.) material weight of carton will increase to 880g; 3.) max. quantity/pallet = 56; printed user documentation is bleached in chlorin free process;
<b>Warranty</b>	
<b>Warranty period</b>	3 years (depending on country)
<b>Warranty type</b>	Bring-In / Onsite Service (for countries within region EMEA, for all other countries depending on local regulations)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/warranty">http://www.fujitsu.com/warranty</a>
<b>Product Support Services - the perfect extension</b>	
<b>Recommended Service</b>	9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life 5 years
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/emeia/products/product-support-services/">http://www.fujitsu.com/emeia/products/product-support-services/</a>

## Recommended Accessories

### Universal Monitor Stand



Save desk space without compromising performance or productivity with the Universal Monitor Stand that brings together a FUJITSU Desktop ESPRIMO Q mini PC or FUJITSU Thin Client FUTRO and a VESA compatible FUJITSU Display. For optimum ergonomics the height and tilt angle of the display can be adjusted, helping you to stay productive and comfortable, whilst hassle-free installation of the devices on the stand makes the life of your IT department easier.

Order Code:  
S26361-F2601-L700

### Display P27-8 TS Pro



If you're a pixel, color and performance-hungry professional using demanding applications, the FUJITSU P27-8 TS Pro Display is the perfect choice. The display provides outstanding picture performance thanks to cutting-edge panel technology and 3.7 Mio pixels. It also boasts unique and innovative features such as our patent-applied Presence Sensor technology and USB support during standby.

Order Code:  
S26361-K1594-V160

### Display XL55-1 TOUCH



The FUJITSU Display XL55-1 TOUCH is a Full HD display with an interactive panel that supports up to 10 touch points for maximum collaboration during meetings. The display has powerful built-in speakers, a range of interfaces for easy connectivity and maximum flexibility and anti-glare screen for a distraction free viewing experience.

Order Code:  
S26361-K1632-V160

### Blue LED Mouse GL9000



Blue LED Mouse GL9000 comes in a slim design with proven Fujitsu engineering quality. The state-of-the-art blue LED sensor enables ultra precise switchable resolution at 1,000, 1,500 and 2,000 dpi. Blue LED Mouse GL9000 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand.

Order Code:  
S26381-K438-L100

### Keyboard KB950 Phone

The KB950 Phone is a modern and slim line USB keyboard with integrated Skype for business features. This extremely reliable, high-speed input device is the perfect way to manage incoming and outgoing calls, even when the system is locked. Three additional keys make it easy to accept and end calls and mute your microphone during a call. Easy number dialing is assured with the numpad. The integrated 61 x 12 mm display shows the time and date, the user status and shows incoming call data in the form of the calling number and caller ID.

S26381-F950-L4\*\* (\*\*:  
Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Desktop ESPRIMO Q957, 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/](http://www.fujitsu.com/global/products/computing/)

### Software

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

## More information

Learn more about FUJITSU Desktop ESPRIMO Q957, 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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