

Fujitsu recommends Windows 10 Pro.

Data Sheet

FUJITSU Desktop ESPRIMO Q957

The Mini with More PC per cm³

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

Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Operating system compatible	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)
Operating system notes	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 http://support.ts.fujitsu.com .
Processor	Intel® Core™ i3-6100 processor (2 Cores / 4 Threads, 3.70 GHz, 3 MB, Intel® HD Graphics 530) ** 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
Memory modules	16 GB (1 module(s) 16 GB) DDR4, non-ECC, 2,400 MT/s, SO DIMM
Hard disk drives (internal)	SSD PCIe, 1024 GB M.2 NVMe Highend module SSD PCIe, 512 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe Highend module SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 512 GB M.2 NVMe module SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 128 GB M.2 NVMe module SSD SATA, 512 GB, M.2 module SSD SATA III, 128 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch, SED SSD SATA III, 256 GB, 2.5-inch, SED HDD SATA III, 7,200 rpm, 500 GB, 2.5-inch HDD SATA II, 5,400 rpm, 1,000 GB, 2.5-inch* HDD SATA III, 5,400 rpm, 500 GB, 2.5-inch Intel Optane Memory (16 GB)
Hard disk notes	Up to 20 GB of HDD space is reserved for system recovery SSHHD (Solid State Hard Disk, Hybrid drive) SSD (Solid State Disk) SED (Self-Encrypting Drive)
Graphics	DP to DVI-D (single link) Adapter Cable
Drives (optional)	BD Triple Writer SATA ultra slim (tray) DVD Super Multi ultra slim (tray)

Base unit

Base unit	ESPRIMO Q957
Mainboard	
Mainboard type	D3513
Formfactor	proprietary
Chipset	Intel® Q270
Processor socket	LGA 1151
Processor quantity maximum	1
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory frequency	2,400 MT/s
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 DDR4 2,400 MHz will be clocked with 2,133 MHz in combination with 6th generation Intel® processor
LAN	10/100/1,000 MBit/s Intel® I219LM
Integrated WLAN	1 (optional with Bluetooth together)
BIOS version	AMI Aptio V UEFI Specification 2.5
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) CSM (Compatibility Support Module)
Audio type	On board
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
Drive bays	
Drive bays total	3

Drive bays

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
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Shared video memory	up to 1,782 MB
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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
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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 3,440 x 1,440 pixel 3,840 x 2,160 pixel 4,096 x 2,304 pixel
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Graphics features	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
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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
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Electrical values

Power efficiency note	power supply efficiency (at 230V; 2 Watt/ 10% / 20% / 50% / 100% load) : > 85%/ 90% / 90% / 92% / 92%
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	65 W (integrated in system)
Power factor correction/active power	No (meets input harmonic current according EN61000-3-2)

Power consumption

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

Heat dissipation

Heat dissipation notes	See white paper Energy Consumption
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Noise emission

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

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) WoL (Wake on LAN) iAMT 11.6 (depending on processor)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	BIOS Management incl. Security Inventory Management Driver Management Alarm Management
Supported standards	DMI (Desktop Management Interface) SMBIOS (System Management BIOS) PXE (Preboot Execution Environment) WMI (Windows Management Instrumentation) WBEM (Web Based Enterprise Management) CIM (Common Information Model)
Manageability link	http://www.fujitsu.com/fts/manageability

Security

Physical Security	Kensington Lock support Intrusion switch (optional) Eye for padlock Housing Lock Spring (to use with Kensington lock), (optional)
System and BIOS Security	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
User Security	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)
Workplace Embedded Tools	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server Easy PC Protection
Security notes	Choose people over passwords. Protect your business with PalmSecure technology # http://choosepeopleoverpasswords.global.fujitsu.com/# 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.

Miscellaneous

Keyboard on (special Fujitsu keyboard required and PS/2 option)
 Thermal management
 Low Power Active Mode
 Extended lifetime

Serviceability

EasyChange for HDD
 EasyChange for optical drives

Packaging information

Packaging dimension (mm)	395 x 198 x 284 mm
Packaging dimension (inch)	15.55 x 7.8 x 11.18 inch
Max. quantity / pallet	84
Material - Weight (g) Carton	670 g
Material - Weight (lbs) Carton	1.48 lbs
Material - Weight (g) EPS / PS	10 g
Material - Weight (lbs) EPS / PS	0.02 lbs
Material - Weight (g) PE	125 g
Material - Weight (lbs) PE	0.28 lbs
Packaging notes	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 chlorine free process;

Warranty

Warranty period	3 years (depending on country)
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 5 years
Service Weblink	http://www.fujitsu.com/fts/services/support

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/

Software

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

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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