

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Desktop ESPRIMO Q558

### Powerful PC functionality in small package

The FUJITSU ESPRIMO Q558, featuring full desktop PC functionality in a stylish and compact mini PC, is a real eye-catcher on your desk. The latest 8th Gen Intel® Core™ processors provide the performance to meet your daily office needs. The Zero Noise PC function ensures silent operation. With its integrated, energy-efficient power supply and an innovative Low Power Active Mode feature, this mini PC helps reduce your energy bill while ensuring instant communication capabilities in your office. Its compact size and wide range of interfaces make the FUJITSU ESPRIMO Q558 an ideal choice for offices where space saving is critical for the business.

#### An elegant mini PC for standard office applications

Eye-catching exclusive modern design

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

#### Zero Noise PC

Pleasant working environment due to completely quiet system (solid state disk required)

- Fan stop in standard operations

#### Superb usability

Efficient working environment due to a tidy desk with perfect access to front connectors

- Horizontal or vertical operations and an optional VESA mount, easy upgrade of major components

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

Be ready for instant communication and a significantly reduced energy bill

- Innovative Low Power Active Mode and energy-efficient, integrated power supply

#### Manageability and Ease of Use

"Plug & work" PC that ensures smooth system administration

- Easy to integrate into existing IT landscapes and reliable DeskView manageability tools



# 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 notes</b>	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> .
<b>Processor</b>	Intel® Core™ i7-8700T processor (6 Cores / 12 Threads, 2.40 GHz, up to 4.0 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-8500T processor (6 Cores / 6 Threads, 2.10 GHz, up to 3.5 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-8400T processor (6 Cores / 6 Threads, 1.70 GHz, up to 3.3 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i3-8100T processor (4 Cores / 4 Threads, 3.10 GHz, 6 MB, Intel® UHD Graphics 630) Intel® Core™ i5-8500 processor (6 Cores / 6 Threads, 3.00 GHz, 9 MB, Intel® UHD Graphics 630) Intel® Core™ i5-8400 processor (6 Cores / 6 Threads, 2.80 GHz, 9 MB, Intel® UHD Graphics 630) Intel® Core™ i3-8100 processor (4 Cores / 4 Threads, 3.60 GHz, 6 MB, Intel® UHD Graphics 630) Intel® Pentium® Gold G5400 processor (2 Cores / 4 Threads, 3.70 GHz, 4 MB, Intel® UHD Graphics 610) Intel® Celeron® processor G4900 (2 Cores / 2 Threads, 3.10 GHz, 2 MB, Intel® UHD Graphics 610)  *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)
<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR4, non-ECC, 2,666 MHz, SO DIMM 8 GB (1 module(s) 8 GB) DDR4, non-ECC, 2,666 MHz, SO DIMM 16 GB (1 module(s) 16 GB) DDR4, non-ECC, 2,666 MHz, SO DIMM
<b>Hard disk drives (internal)</b>	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, 1024 GB M.2 NVMe module, SED SSD PCIe, 512 GB M.2 NVMe module, SED SSD PCIe, 256 GB M.2 NVMe module, SED SSD SATA III, 1024 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch SSD SATA III, 64 GB, 2.5-inch 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
<b>Hard disk notes</b>	SSD (Solid State Disk) SED (Self-Encrypting Drive)
<b>Graphics</b>	DP to DVI-D (single link) Adapter Cable
<b>Drives (optional)</b>	BD Triple Writer SATA ultra slim (tray) DVD Super Multi ultra slim (tray)
<b>Interface add on cards/components (optional)</b>	Serial Port M.2 WLAN 802.11ac (2x2) and BT 5 (dedicated regions only)

# Base unit

Base unit	ESPRIMO Q558
<b>Mainboard</b>	
Mainboard type	D3603
Formfactor	proprietary
Chipset	Intel® H310
Processor socket	LGA 1151
Processor quantity maximum	1
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory frequency	2,666 MHz
Memory notes	Dual channel support For dual channel performance, 2 memory modules have to be ordered. Capacity per channel has to be the same. 2666 MHz may be clocked down to 2400 MHz depending on processor and memory configuration
LAN	10/100/1,000 MBit/s Realtek RTL8111GN
Integrated WLAN	1 (optional with Bluetooth together)
BIOS version	AMI Aptio V UEFI Specification 2.6
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) Support for Compatibility Support Module (CSM) is no longer possible on systems with 8th Generation Intel® Core™ i technology
Audio type	On board
Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback (optional), High Definition audio
<b>I/O controller on board</b>	
Serial ATA total	2
thereof SATA III	2
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI
<b>Interfaces</b>	
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	4
USB 3.1 Gen1 (USB 3.0) total	4
USB front	2x USB 3.0
USB rear	4x USB 2.0 and 2x USB 3.0
VGA	optional: via external active adapter cable
DisplayPort	2
DVI	1 (DVI-D)
Serial (RS-232)	optional: serial port (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

**Input device / components**

<b>Input devices (optional)</b>	Keyboard Mouse KBPC PX ECO Mouse M440 ECO
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**Drive bays**

<b>Drive bays total</b>	3
<b>2.5-inch internal bays</b>	1
<b>5.25-inch external bays</b>	1
<b>M.2-2280</b>	1 x on mainboard for SSD NVMe (PCIe 2.0 x2; up to 10Gbit/s)

**Mini PCI slots**

<b>M.2-2230</b>	on mainboard for WLAN module
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**Graphics on board**

<b>Graphics brand name</b>	Intel® UHD Graphics 610, Intel® UHD Graphics 630
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<b>Shared video memory</b>	Up to half size of total system memory
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<b>TFT resolution (DVI)</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
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<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
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<b>Graphics features</b>	Dual display support 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 if connected to the HDMI interface of a display via suitable adapter cables (not included)
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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**

<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**

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=51a9ac25-4489-41f0-afcf-386a82abfcb6">http://docs.ts.fujitsu.com/dl.aspx?id=51a9ac25-4489-41f0-afcf-386a82abfcb6</a>

**Heat dissipation**

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

Related Processors for noise	Intel® Core™ i7 8700T
Standard noise emission	2x4 GB, SSD, ODD, Windows According to ISO 7779:2010, ECMA-74
Standard noise notes / description	A-weighted sound power level Lw <sub>d</sub> (in B) / Workplace related A-weighted sound pressure level Lp <sub>Am</sub> (in dB(A))
Standard noise operation mode: CPU 50% load	3.2 B / 18 dB(A) Bystander; 20 dB(A) Operator position
Standard noise operation mode: HDD load	3.0 B / 17 dB(A) Bystander; 16 dB(A) Operator position
Standard noise operation mode: Idle mode	3.0 B / 16 dB(A) Bystander; 16 dB(A) Operator position
Standard noise operation mode: ODD load	4.4 B / 30 dB(A) Bystander; 34 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	3.0 B / 16 dB(A) Bystander; 16 dB(A) Operator position

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	185 x 190 x 54 mm; with VESA cover: 185 x 190 x 56.2 mm 7.29 x 7.49 x 2.13 inch
Operating position	Vertical / horizontal (no feet needed)
VESA mount	optional VESA cover required
Weight	1.6 kg
Weight (lbs)	3.53 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 Q558
Model	MPC3
Germany	TÜV GS
Europe	CE
USA/Canada	FCC Class B cTUVus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 7.1 EPEAT® Gold (dedicated regions)
China	CCC (planned) CCC (depending on configuration) CEL (Chinese energy label) TPM 2.0 for China (optional)
Compliance notes	This product is free of polyvinyl chloride (PVC) when ordered with the optional PVC free power cord
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

**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.)
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**Additional Software**

<b>Additional software (optional)</b>	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.)
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**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
<b>Manageability software</b>	DeskView Client DeskView Instant BIOS Management
<b>DeskView components</b>	BIOS Management incl. Security Inventory Management Driver Management Alarm Management
<b>Supported standards</b>	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)
<b>Manageability link</b>	<a href="http://www.fujitsu.com/fts/manageability">http://www.fujitsu.com/fts/manageability</a>
<b>Physical Security</b>	Kensington Lock support Eye for padlock Housing Lock Spring (to use with Kensington lock), (optional)
<b>System and BIOS Security</b>	Embedded security (TPM 2.0) EraseDisk (optional) Windows 10, v. 1809 "Credential Guard Ready and Device Guard Capable" requires 8 GB or more system RAM and SSD PCIe NVME 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) 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

**Miscellaneous**

Keyboard on (Special Fujitsu keyboard required)  
Keyboard on with one key (KBPX Eco, KB521)  
Keyboard on with 2 keys (CTRL+CTRL) with PS2 or special USB keyboards  
Keyboard on with any key (USB)  
Thermal management  
Low Power Active Mode  
Extended lifetime

**Miscellaneous**

<b>Accessories information</b>	Further helpful options  Desktop Accessories: <a href="http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/">http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/</a> <a href="http://www.fujitsu.com/global/products/computing/peripheral/accessories/connectivity/">http://www.fujitsu.com/global/products/computing/peripheral/accessories/connectivity/</a>  Stands and Mounting kits: <a href="http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/ums/index.html">http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/ums/index.html</a> Available Adapters: <a href="http://globalsp.ts.fujitsu.com/dmsp/Publications/public/pos-connectivity.pdf">http://globalsp.ts.fujitsu.com/dmsp/Publications/public/pos-connectivity.pdf</a>
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**Serviceability**

	EasyChange for HDD EasyChange for optical drives
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**Packaging information**

<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 chlorine free process;

**Warranty**

<b>Warranty period</b>	1 year (for countries in EMEA)
<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://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>

**Product Support Services - the perfect extension**

<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/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

**Mounting Kit for Height Adjustable FUJITSU Displays**

The FUJITSU Mounting Kit for Height Adjustable FUJITSU Displays has been specifically designed for use with ESPRIMO Q/G mini PCs, FUTRO Thin Clients and FUJITSU Displays. By mounting an ESPRIMO mini PC or a FUTRO Thin Client behind a display, you can save space on the desk, reduce clutter on desk and realize a clean desk working environment.

Order Code:  
S26361-F2542-L452

**Display P24-8 TE Pro**

FUJITSU P24-8 TE Pro Display, the perfect choice for demanding and tidy workplaces. Besides thin bezels and cable guide it also boasts unique features such as USB support in standby and the patent-applied Presence Sensor to detect the user's absence. With the call indicator you are prepared for modern Skype for Business applications.

Order Code:  
S26361-K1593-V140

**Display P24-8 WS Neo**

The FUJITSU Display P24-8 WS Neo is a 16:10 IPS panel monitor that has DisplayView™ IT Suite that helps you activate features such as Presence Sensor, Workplace Lighting Guide that promote the overall ergonomics and security of your workplace. The monitor has a 178°/178° wide viewing angle delivering a consistent picture quality and is ideal for CAD and Document Management applications.

Order Code:  
S26361-K1647-V160

**Wireless Mouse Touch WI910**

The Fujitsu Wireless Mouse Touch WI910 has a special touch sensitive surface that recognizes when your hand touches the mouse even before you move it. This provides nearly instantaneous wake-up from the intelligent energy saving sleep mode. Unbeatable responsiveness combines with features like switchable resolution, and three programmable buttons for a unique user experience.

Order Code:  
S26381-K465-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 Q558, 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 Q558, 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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