Fujitsu recommends Windows 10 Pro.

Data Sheet
FUJITSU Desktop ESPRIMO G558

Mini, Mighty | Takes up your challenges, not your space

The FUJITSU ESPRIMO G558 offers advanced desktop PC functionality in an ultra-compact, space-saving design. With the latest 8th Gen Intel® Core™ processors, PCI Express® SSD, USB Type-C interface and dual-display support, the ESPRIMO G558 provides the performance to meet your daily office needs. Its small size and wide range of interfaces make this PC a great choice for space-constrained workplaces.





An ultra-compact design
Small footprint; energy and space-saving device for clean, clutter-free desk
- Desktop performance in an ultra-small design (~ 0.86 liters)

Superb usability
Flexible mounting options and wide range of usage scenarios
- VESA mount compatible - mount at the back of a display, wall mount or mount under the desk, horizontal/vertical usage, easy-to-service design for convenient hardware customization/upgrades

Small yet grand
High performance in a small mini PC design
- Latest 8th Gen Intel® Core™ processors, dual display support, USB Type C (optional), DDR4 2666 MHz memory, M.2 support, SSD PCI Express® NVMe, advanced security features (embedded TPM, Kensington Lock support, optional EraseDisk)

Perfect fit for modern offices and workplaces of tomorrow
Modular design that can transform your workplace
- Create your own All-in-One (AiO) PC setup; support for up to two displays

Outstanding quality and reliability
Quality you can trust; based on German production standards
- Designed, developed and tested in our own factory in Augsburg to meet Fujitsu standards and exceed industry requirements

Fujitsu recommends Windows 10 Pro.

Components

Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Processor	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® processor G5400T processor (2 Cores / 4 Threads, 3.10 GHz, 4 MB, Intel® UHD Graphics 610)
	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)
Memory modules	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
Hard disk drives (internal)	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
Hard disk notes	SSD (Solid State Disk) SED (Self-Encrypting Drive) 2.5-inch bay for devices with 7mm height
Graphics	DP to DVI-D (single link) Adapter Cable
Interface add on cards/components (optional)	
	M.2 WLAN 802.11ac (2x2) and BT 5 (dedicated regions only)

Base unit

Base unit	ESPRIMO G558

Mainboard	
Mainboard type	D3654
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 RTL8111G
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
I/O controller on board	
Serial ATA total	1
thereof SATA III	1
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI
Interfaces	
Front audio: headphone	1
USB 2.0 total	3
USB 3.1 Gen1 (USB 3.0) total	3 (4 optional)
USB front	1x USB 2.0; 1x USB 3.0
USB rear	2x USB 2.0, 2x USB 3.0, optional 1x USB 3.0 Type-C
VGA	optional: via external active adapter cable
DisplayPort	1
HDMI	1
Ethernet (RJ-45)	1
Interface Module notes	Anytime USB charge functionality, Optional Type-C port supports DisplayPort 1.2 and Power Delivery (PD) e.g. from Display
Input device / components	
Input devices (optional)	Keyboard Mouse KBPC PX ECO Mouse M440 ECO
Drive bays	
Drive bays total	2
2.5-inch internal bays	1
M.2-2280	1 x on mainboard for SSD NVMe (PCIe 2.0 x4; up to 20Gbit/s)
Mini PCI slots	
M.2-2230	on mainboard for WLAN module

Graphics on board	
Graphics brand name	Intel® UHD Graphics 610, Intel® UHD Graphics 630
Shared video memory	Up to half size of total system memory
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
TFT resolution (HDMI)	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
Graphics features	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
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 115/230V: 88% average efficiency
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 external AC adapter (optional)
Power consumption	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=04df0757-cf02-4048-846f-907c4ff4dad7
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise emission	
Related Processors for noise	Intel® Core™ i7 8700T
Standard noise emission	2x4 GB, SSD, 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	3.2 B / 18 dB(A) Bystander; 20 dB(A) Operator position

Noise emission	
Standard noise operation mode: HDD load	3.4 B / 21 dB(A) Bystander; 23 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: 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)	146.9 x 164.5 x 36 mm 5.78 x 6.48 x 1.42 inch
Operating position	horizontal / vertical (optional, feet needed)
VESA mount	optional mounting kit
Weight	0.8 kg
Weight (lbs)	1.76 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 G558
Model	TCS4
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® in progress (dedicated regions)
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) 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) WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management
DeskView components	BIOS Management incl. Security Inventory Management Driver Management Alarm Management

Manageability	
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
Physical Security	Kensington Lock support
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809) 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 external SmartCard reader (optional) Workplace Protect (secure authentication solution)
Workplace Embedded Tools	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

Packaging information	
Packaging dimension (mm)	395 x 198 x 284 mm
Packaging dimension (inch)	15.55 x 7.8 x 11.18 inch
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 inlcuded 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;

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

USB Type-C to DisplayPort Adapter		The FUJITSU USB Type-C to DP Adapter offers a fast and easy way to connect a DisplayPort-display to your mobile system, or desktop PC, using the USB Type-C port via plug-and-play functionality	Order Code: S26391-F6058-L201
USB Type-C to VGA Adapter		The FUJITSU USB Type-C to VGA Adapter offers a fast and easy way to connect an analog VGA-display or projector to your mobile system, or desktop PC, using the USB Type-C port via plug-and-play functionality	Order Code: S26391-F6058-L203
Display P24-9 TE		The FUJITSU Display P24-9 TE is a widescreen, ultra-thin bezel display that combines future workplace concepts with advanced ergonomics. The monitor has an intelligent USB Type C hub ideal for a AiO-type use in addition to one cable connectivity for notebooks used by an on-the-move flexible workforce that needs shared workspaces.	Order Code: S26361-K1646-V141
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 G558, 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 G558, 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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