Fujitsu recommends Windows 10 Pro.

# Data Sheet FUJITSU Desktop ESPRIMO K558/24

### Ready to use in the blink of an eye

The FUJITSU ESPRIMO K558/24 All-in-One Desktop PC supports the budget-driven, modern workplace: streamlined workspace, reduced complexity, with no compromise in performance. This all-rounder combines powerful 8th Gen Intel<sup>®</sup> Core<sup>™</sup> processors and the latest interfaces in a compact, all-in-one design. For ergonomic comfort, it features a 60.5 cm (23.8-inch) anti-glare display, wide viewing angles, height adjustment and front I/Os.

### Human-Centric Setup

Tidy and convenient desk with ergonomic working position to help enhance working experience and efficiency

60.5 cm (23.8-inch) anti-glare Full HD display with wide viewing angle screen for exceptional sensory experience. Ergonomic design that includes four-stage height adjustment, a large swivel range and low noise. The keyboard can be placed between the screen and the bottom plate for additional desk space. Wall mounting in accordance with the VESA standard.

### Unrivalled Usability

Wide range of features designed to ease your working experience

Easy to access and flexible interfaces, microphone and camera option for instant office communication and anytime USB charge functionality

### 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

### Excellent Performance and Energy Efficiency

Best-in-class regarding low power consumption combined with new levels of performance

■ 8th generation Intel<sup>®</sup> Core<sup>™</sup> processor family and a highly efficient power supply

### **Robust Security**

Designed to protect data and hardware components against manipulation and theft

- Cable cover with lock option at the back to protect ports, cables and components from theft.
- Embedded Trusted Platform Module (TPM), Fujitsu Workplace Protect software with full disk encryption and system-level passwords. EraseDisk software and SmartCard are available as options













## Components

Operating systems			
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home		
Operating system notes	Certified for SUSE Enterprise Desktop (pending) Windows 10 Support: After the end of the product life FUJITSU will continue to test and support all upcoming Window 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™ i7-8700T processor (6 Cores / 12 Threads, 2.40 GHz, up to 4.0 GHz, 12 MB, Intel® UHD Graphics 630) *		
	ntel® 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™ i5-8500 processor (6 Cores / 6 Threads, 3.00 GHz, 9 MB, Intel® UHD Graphics 630)		
	Intel <sup>®</sup> Pentium <sup>®</sup> processor G5400T processor (2 Cores / 4 Threads, 3.10 GHz, 4 MB, Intel <sup>®</sup> 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)		
Camera	2.0 megapixel webcam (full HD), optional		
Microphone	Digital stereo microphone, optional		
Display			
Stand	Stand is removable. If only VESA mounting is required, the stand is just an option.		
Height adjust range	110 mm		
Tilt angle	0° / 20°		
Swivel angle	+/-170° (340°)		
Screen Surface Treatment	Anti-glare		
Contrast - advanced	1000:1		
Response time typical	14 ms		
Viewing angle (h/v) - typical	178°/178° CR10:1		
Color performance	16.7 million colors		
Brightness - typical	250 cd/m2		
Aspect ratio	16:9		
Diagonal Size	60.5 cm (23.8-inch)		
Resolution (native)	1,920 x 1,080 pixel		
Memory modules	4 GB (1 module(s) 4 GB) DDR4, non-ECC, 2,666 MT/s, SO DIMM		
	8 GB (1 module(s) 8 GB) DDR4, non-ECC, 2,666 MT/s, SO DIMM		
	16 GB (1 module(s) 16 GB) DDR4, non-ECC, 2,666 MT/s, 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		
	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)		
Graphics	DP to DVI-D (single link) Adapter Cable		
Drives (optional)	BD Triple Writer SATA ultra slim (tray)		
	DVD Super Multi ultra slim (tray)		

### Interface add on cards/components (optional)

M.2 WLAN 802.11ac (2x2) and BT 5 (dedicated regions only)

### Base unit

Base unit	ESPRIMO K558/24			
Mainboard				
Mainboard type	D3674			
Formfactor	proprietary			
Chipset	Intel® H310			
Processor socket	LGA 1151			
Supported capacity RAM (max.)	32 GB			
Memory slots	2 DIMM (DDR4)			
Memory frequency	2,666 MT/s			
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 or 2133 depending on used processor			
LAN	10/100/1,000 MBit/s Realtek RTL8111G			
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) Support for Compatibility Support Module (CSM) is no longer possible on systems with 8th Generation Intel® Core technology			
Audio type	On board			
Audio codec	Realtek ALC255			
Audio features	High Definition audio, Internal stereo speakers, Optional: Internal high quality stereo speakers			

I/O controller on board					
Serial ATA total	2				
thereof SATA III	2 2				
Controller functions	Serial ATA III (6 Gbit)				
	NCQ				
	AHCI				
Interfaces					
Audio: line-out / headphone	1				
Audio: line-in / microphone	1				
Front audio: microphone	1				
Front audio: headphone	1				
Internal microphones	optional with multimedia module (camera and microphone)				
USB 2.0 total	3				
USB 3.1 Gen1 (USB 3.0) total	4				
USB front	2x USB 3.0				
USB rear	3x USB 2.0, 2x USB 3.0				
DisplayPort	1				
Serial (RS-232)	1 optional				
Mouse / Keyboard (PS/2)	2				
Ethernet (RJ-45)	1				
Interface Module notes	Anytime USB charge functionality				
Input device / components	K. dd				
Input devices (optional)	Keyboard Mouse				
	KBPC PX ECO				
	Mouse M440 ECO				
Drive bays					
2.5-inch internal bays	1				
5.25-inch internal bays	1				
Drive bay notes	5.25" bay: for slim optical disc drive only				
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				
Graphics features	Dual display support DirectX® 12				
	HDCP support				
	OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors)				
	OpenGL® 4.5				
	DisplayPort interface supports Ver. 1.2 incl. Multi-Stream				

Graphics on board				
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; 10% / 20% / 50% / 100% load) : 85% / 90% / 93% / 93%			
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	170 W			
Power factor correction/active power	active			
Power consumption				
Power consumption note	See white paper Energy Consumption			
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6e6fdd6b-6b92-48d7-bdac-24a2029b4b65			
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, HDD, ODD, 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	3.3 B / 19 dB(A) Bystander; 20 dB(A) Operator position			
Standard noise operation mode: HDD	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position			
load				
Standard noise operation mode: Idle	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position			
mode				
Standard noise operation mode: ODD load	4.1 B / 27 dB(A) Bystander; 30 dB(A) Operator position			
•	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position			
applications 2.0				
Dimensions / Weight / Environmental				
Dimension with stand (W x D x H)	560 x 258 x 446 mm			
Dimension with stand (W x D x H) inch	20.1 x 10.2 x 16.2 inch			
Dimension notes	Height is with display in second position of stand, maximum height is: 516 mm (19 inch), lowest height is: 411 mm (14.9 inch); picture height over desk (min): 85mm, for additional positions: 115/155/190mm, dimensions for display only (without stand) are following			
Dimensions (W x D x H)	560 x 93 x 368 mm			
. ,	22.1 x 3.67 x 14.5 inch			
Operating position	Vertical with stand or VESA mounted			
VESA mount	integrated (100 mm)			
Weight	app. 9.7 kg			
Weight (lbs)	14.33 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 K558/24			

Compliance					
Germany	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® 7.1 EPEAT® Silver (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 <sup>®</sup> Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD BD (playback software for Blu-ray Disc <sup>™</sup> ) CyberLink PowerDVD DVD (playback software for DVD) Nero Essentials XL Microsoft <sup>®</sup> Office Professional 2019 Microsoft <sup>®</sup> 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)				
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 Eye for padlock				
stem and BIOS Security   Embedded security (TPM 2.0)     EraseDisk (optional)   EraseDisk (optional)     Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system R/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					

Conveiller				
Security				
User Security	User and supervisor BIOS password			
	Hard disk password Access protection via external SmartCard reader (optional)			
	Access protection via internal 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			
c a late				
Serviceability				
	EasyChange for HDD EasyChange for optical drives			
Packaging information				
Packaging dimension (mm)	705 x 400 x 607 mm			
Packaging dimension (inch)	27.76 x 15.75 x 23.9 inch			
Max. quantity / pallet	9			
Material - Weight (g) Carton	1750 g			
Material - Weight (lbs) Carton	3.86 lbs			
Material - Weight (g) EPS / PS	1190 g			
Material - Weight (lbs) EPS / PS	2.62 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 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 Support Services - the perfect				
Recommended Service				
Service Weblink	http://www.fujitsu.com/fts/services/support			

### **Recommended Accessories**

Display B24-9 TS

Display E24-9 TOUCH



The FUJITSU Display B24-9 TS is a widescreen display with 1920 x 1080
Full HD resolution with a ultra-thin bezel housing. The monitor has a wide viewing angle that delivers consistent picture quality and DisplayView™
manageability software for further enhancing monitor features with a range of connectivity options ideal for medium- and large-sized businesses.
The FUJITSU Display E24-9 TOUCH is a 10 point projected capacitive touch (PCT) ergonomic display with 1920 x 1080 Full HD resolution. The monitor screen has anti-glare that helps prevent smudges, spots and blurs owing to touch-intensive tasks. The monitor also has powerful built-in speakers and a range of interfaces for easy connectivity and maximum flexibility.

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	Order Code: S26381-K465-L100
Keyboard KB951 PalmM2		buttons for a unique user experience. The KB951 palm vein keyboard is a modern, slim line USB keyboard featuring Fujitsu PalmSecure™ technology with an integrated palm vein sensor. PalmSecure™ is a cutting-edge authentication system using biometric technology that authenticates users based on vein pattern recognition rather than iris scanners or fingerprint readers. As veins are internal and have a wealth of differentiating features, attempts at identity theft are extremely difficult, enabling a high level of security. This extremely reliable, high-speed input device is the best choice when you don't have a PC or notebook with an integrated palm vein sensor.	S26381-K951-L4** (**: country specific variation)
Wireless Keyboard Set LX901	Ø	The Wireless Keyboard LX901 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set offers ambitious users more functions and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption.	S26381-K565-L4**(**: Country specific variation)

### More information

#### Fujitsu products, solutions & services

In addition to FUJITSU Desktop ESPRIMO K558/24, 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 K558/24, 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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