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 up to 9th Gen Intel® Core™ 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
- Up to 9th generation Intel® Core™ 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) *
	Intel® Core™ i5-9400T processor (6 Cores / 6 Threads, 1.80 GHz, up to 3.4 GHz, 9 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™ i5-9500T processor (6 Cores / 6 Threads, 2.20 GHz, up to 3.7 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® Core™ i5-8400 processor (6 Cores / 6 Threads, 2.80 GHz, 9 MB, Intel® UHD Graphics 630)
	Intel® Core™ i3-9100 processor (4 Cores / 4 Threads, 3.60 GHz, up to 4.2 GHz, 6 MB, Intel® HD 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 G5420 (2 Cores / 4 Threads, 3.80 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 G4930 (2 Cores / 2 Threads, 3.20 GHz, 2 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™ i 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
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	
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 load	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position
Standard noise operation mode: Idle mode	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position
Standard noise operation mode: ODD load	4.1 B / 27 dB(A) Bystander; 30 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	3.2 B / 17 dB(A) Bystander; 18 dB(A) Operator position
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
Model	AIO17

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® Bronze (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) 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)
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
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; 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

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
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://www.fujitsu.com/warranty
Product Support Services - the perfect extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/

Recommended Accessories

Display B24-9 TS		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.	Order Code: S26361-K1643-V160
Display E24-9 TOUCH		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.	Order Code: S26361-K1644-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 KB951 PalmM2		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)

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

Green Policy Innovation

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Contact
Fujitsu Technology Solutions GmbH
Website: www.fujitsu.com/fts
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