

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Desktop ESPRIMO K557/24

Ready to use in the blink of an eye

The FUJITSU ESPRIMO K557/24 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 7th generation Intel® Core™ processors and the latest interfaces in a compact, all-in-one design designed for future-oriented applications. For ergonomic comfort, it features a 60.5 cm (23.8-inch) anti-glare display, wide viewing angles, height adjustment and low noise.

### Human-Centric Setup

Tidy and convenient desk with ergonomic working position to 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 stowed 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

- Everything in one box; 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 7th 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

<b>Operating systems</b>	
<b>Operating system pre-installed</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
<b>Operating system compatible</b>	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)
<b>Operating system notes</b>	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 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> .
	*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables) **6th generation Intel® processor
<b>Camera</b>	2.0 megapixel webcam (full HD), optional
<b>Microphone</b>	Digital stereo microphone, optional
<b>Display</b>	
<b>Stand</b>	Stand is removable. If only VESA mounting is required, the stand is just an option.
<b>Height adjust range</b>	110 mm
<b>Tilt angle</b>	0° / 20°
<b>Swivel angle</b>	+/-170° (340°)
<b>Screen Surface Treatment</b>	Anti-glare
<b>Contrast - advanced</b>	1000:1
<b>Response time typical</b>	14 ms
<b>Viewing angle (h/v) - typical</b>	178°/178° CR10:1
<b>Color performance</b>	16.7 million colors
<b>Brightness - typical</b>	250 cd/m2
<b>Aspect ratio</b>	16:9
<b>Diagonal Size</b>	60.5 cm (23.8-inch)
<b>Resolution (native)</b>	1,920 x 1,080 pixel
<b>Hard disk drives (internal)</b>	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 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>	Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) 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)

# Base unit

Base unit	ESPRIMO K557/24
<b>Mainboard</b>	
Mainboard type	D3474
Formfactor	proprietary
Chipset	Intel® H110
Processor socket	LGA 1151
Processor quantity maximum	1
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory frequency	2,400 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. 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 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) CSM (Compatibility Support Module)
Audio type	On board
Audio codec	Realtek ALC255
Audio features	High Definition audio, Internal stereo speakers, Optional: Internal high quality stereo speakers
<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 / 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

**Mini PCI slots**

M.2-2230	on mainboard for WLAN module
----------	------------------------------

**Graphics on board**

Graphics brand name	Intel® HD Graphics 510, Intel® HD Graphics 530, Intel® HD Graphics 610, Intel® HD Graphics 630
---------------------	--

Shared video memory	up to 1,782 MB
---------------------	----------------

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® 4.4 One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter For multi monitoring mode, graphics card and integrated graphics run in parallel 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 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	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=cd757a5b-7acc-45e4-ac44-5e22becf3fd4">http://docs.ts.fujitsu.com/dl.aspx?id=cd757a5b-7acc-45e4-ac44-5e22becf3fd4</a>

**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
------------------------	------------------------------------

**Noise emission**

Related Processors for noise	Intel® Core™ i7 7700T
------------------------------	-----------------------

**Noise emission**

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 <sub>wad</sub> (in B) / Workplace related A-weighted sound pressure level L <sub>pAm</sub> (in dB(A))
Standard noise operation mode: CPU 50% load	3.4 B / 21 dB(A) Bystander; 22 dB(A) Operator position
Standard noise operation mode: HDD load	3.2 B / 18 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	4.2 B / 28 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 (display only)	app. 6.5 kg
Weight (display only) (lbs)	21.38 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 K557/24
Model	A1017
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® 6.1 (dedicated regions) EPEAT® Silver (dedicated regions)
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.)
------------------------------------	--

**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.)
---------------------------------------	---

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) 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>

**Security**

<b>Physical Security</b>	Kensington Lock support Eye for padlock
<b>System and BIOS Security</b>	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
<b>User Security</b>	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)
<b>Workplace Embedded Tools</b>	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional) Easy PC Protection (optional)

**Miscellaneous**

Keyboard on (Special Fujitsu keyboard required)  
Thermal management

**Serviceability**

EasyChange for HDD  
EasyChange for optical drives

**Packaging information**

<b>Packaging dimension (mm)</b>	705 x 400 x 607 mm
<b>Packaging dimension (inch)</b>	27.76 x 15.75 x 23.9 inch
<b>Max. quantity / pallet</b>	9

**Packaging information**

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 EMEA, for all other countries depending on local regulations)
Warranty Terms & Conditions	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Support Services - the perfect extension</b>	
Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

<b>Display B24-9 TS</b>		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
<b>Display E24-9 TOUCH</b>		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
<b>Wireless Mouse Touch WI910</b>		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
<b>Keyboard KB951 PalmM2</b>		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 K557/24, 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/](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 K557/24, 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>



### Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>  
Copyright 2019 Fujitsu Technology Solutions GmbH

### Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.

#### Contact

Fujitsu Technology Solutions GmbH  
Website: [www.fujitsu.com/fts](http://www.fujitsu.com/fts)  
2019-03-25 EM-EN

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>  
Copyright 2019 Fujitsu Technology Solutions GmbH