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

Processor	Intel® Core™ i7-7700T processor (4 Cores / 8 Threads, 2.90 GHz, up to 3.8 GHz, 8 MB, Intel® HD Graphics 630) *
	Intel® Core™ i7-6700T processor (4 Cores / 8 Threads, 2.80 GHz, up to 3.6 GHz, 8 MB, Intel® HD Graphics 530) *, **
	Intel® Core™ i5-7500T processor (4 Cores / 4 Threads, 2.70 GHz, up to 3.3 GHz, 6 MB, Intel® HD Graphics 630) *
	Intel® Core™ i5-7400T processor (4 Cores / 4 Threads, 2.40 GHz, up to 3.0 GHz, 6 MB, Intel® HD Graphics 630) *
	Intel® Core™ i5-6500T processor (4 Cores / 4 Threads, 2.50 GHz, up to 3.1 GHz, 6 MB, Intel® HD Graphics 530) *, **
	Intel® Core™ i5-6400T processor (4 Cores / 4 Threads, 2.20 GHz, up to 2.8 GHz, 6 MB, Intel® HD Graphics 530) *, **
	Intel® Core™ i3-7100T processor (2 Cores / 4 Threads, 3.40 GHz, 3 MB, Intel® HD Graphics 630)
	Intel® Core™ i3-6100T processor (2 Cores / 4 Threads, 3.20 GHz, 3 MB, Intel® HD Graphics 530) **
	Intel® Pentium® processor G4400T (2 Cores / 2 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics 510) **
	Intel® Pentium® Gold G4560T processor (2 Cores / 4 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics 610)
	*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables) **6th generation Intel® processor
Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home Windows 7 Professional (available through downgrade rights from Windows 10 Pro)
Operating system compatible	Windows 7 Professional 32-bit (available through downgrade rights from Windows 10 Pro) (with 6th generation Intel® processors)
Operating system notes	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
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, 2,400 MHz
	8 GB (1 module(s) 8 GB) DDR4, 2,400 MHz
	16 GB (1 module(s) 16 GB) DDR4, 2,400 MHz

Hard disk drives (internal)	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, 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 II, 5,400 rpm, 500 GB, 2.5-inch*
Hard disk notes	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)
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 4.1 (dedicated regions only, up to BT 4.2 depending on OS version)

Base unit

Base unit	ESPRIMO K557/24
Mainboard	
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
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

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 3,840 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%

Electrical values	
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=cd757a5b-7acc-45e4-ac44-5e22becf3fd4
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise emission	
Related Processors for noise	Intel® Core™ i7 7700T
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	3.4 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	AIO17
Germany	GS
Europe	CE
USA/Canada	FCC Class B cCSAus

Compliance	
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	https://sp.ts.fujitsu.com/sites/certificates
Additional Software	
Additional software (preinstalled)	Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Microsoft Office (buy license to activate the pre-installed 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
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. 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
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 (optional) Easy PC Protection (optional)
Miscellaneous	
	Keyboard on (Special Fujitsu keyboard required) 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://support.ts.fujitsu.com/warranty

Product Related Services - the perfect extension	
Recommended Service	X - 9x5, Onsite Response Time: Next Business Day
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

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/

Software
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

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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