

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

|   |  |
|---|--|
| <b>Hard disk drives (internal)</b>                  | SSD SATA III, 512 GB, 2.5-inch<br>SSD SATA III, 256 GB, 2.5-inch<br>SSD SATA III, 128 GB, 2.5-inch<br>SSD SATA III, 512 GB, 2.5-inch, SED<br>SSD SATA III, 256 GB, 2.5-inch, SED<br>HDD SATA II, 5,400 rpm, 1,000 GB, 2.5-inch*<br>HDD SATA II, 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<br>SSHD (Solid State Hard Disk, Hybrid drive)<br>SSD (Solid State Disk)<br>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)<br>DVD Super Multi ultra slim (tray)   |
| <b>Interface add on cards/components (optional)</b> | M.2 WLAN 802.11ac (2x2) and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version)  |

## Base unit

|                                      |  |
|--------------------------------------|--|
| <b>Base unit</b>                     | ESPRIMO K557/24  |
| <b>Mainboard</b>                     |  |
| <b>Mainboard type</b>                | D3474  |
| <b>Formfactor</b>                    | proprietary  |
| <b>Chipset</b>                       | Intel® H110  |
| <b>Processor socket</b>              | LGA 1151   |
| <b>Processor quantity maximum</b>    | 1  |
| <b>Supported capacity RAM (max.)</b> | 32 GB  |
| <b>Memory slots</b>                  | 2 DIMM (DDR4)  |
| <b>Memory frequency</b>              | 2,400 MHz  |
| <b>Memory notes</b>                  | Dual channel support<br>For dual channel performance, 2 memory modules have to be ordered. Capacity per channel has to be the same.<br>DDR4 2,400 MHz will be clocked with 2,133 MHz in combination with 6th generation Intel® processor |
| <b>LAN</b>                           | 10/100/1,000 MBit/s Realtek RTL8111G   |
| <b>Integrated WLAN</b>               | 1 (optional with Bluetooth together)   |
| <b>BIOS version</b>                  | AMI Aptio V<br>UEFI Specification 2.5  |
| <b>BIOS features</b>                 | BIOS Flash EPROM update by software<br>Recovery BIOS<br>Unified Extensible Firmware Interface (UEFI)<br>CSM (Compatibility Support Module)   |
| <b>Audio type</b>                    | On board   |
| <b>Audio codec</b>                   | Realtek ALC255   |
| <b>Audio features</b>                | High Definition audio, Internal stereo speakers, Optional: Internal high quality stereo speakers   |
| <b>I/O controller on board</b>       |  |
| <b>Serial ATA total</b>              | 2  |
| <b>thereof SATA III</b>              | 2  |
| <b>Controller functions</b>          | Serial ATA III (6 Gbit)<br>NCQ<br>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<br>Mouse<br>KBPC PX ECO<br>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<br>1,360 x 768 pixel<br>1,440 x 900 pixel<br>1,600 x 900 pixel<br>1,680 x 1,050 pixel<br>1,920 x 1,080 pixel<br>1,920 x 1,200 pixel<br>2,560 x 1,440 pixel<br>2,560 x 1,600 pixel<br>3,440 x 1,440 pixel<br>3,840 x 2,160 pixel<br>4,096 x 2,304 pixel   |
| Graphics features            | Dual display support<br>DirectX® 12<br>HDCP support<br>OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors)<br>OpenGL® 4.4<br>One DisplayPort connector can be converted to DVI-D or HDMI with an optional external adapter<br>For multi monitoring mode, graphics card and integrated graphics run in parallel<br>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)<br>Tested resolutions, depending on display type additional resolutions and frequencies possible<br>Shared memory depending on main memory size and operating system<br>Resolution (color depth up to 32 Bit/pixel)<br>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  |
| Standard noise emission                                | 2x4 GB, HDD, ODD, Windows<br>According to ISO 7779:2010, ECMA-74   |
| Standard noise notes / description                     | A-weighted sound power level Lw <sub>ad</sub> (in B) / Workplace related A-weighted sound pressure level Lp <sub>Am</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<br>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              |

**Compliance**

|                        |   |
|------------------------|---|
| <b>USA/Canada</b>      | FCC Class B<br>cCSAus   |
| <b>Global</b>          | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronic equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>ENERGY STAR® 6.1 (dedicated regions)<br>EPEAT® Silver (dedicated regions) |
| <b>Compliance link</b> | <a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>   |

**Additional Software**

|   |   |
|---|---|
| <b>Additional software (preinstalled)</b> | Adobe® Reader® (pdf reader)<br>McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version)<br>Microsoft Office (buy license to activate the pre-installed Microsoft Office) |
| <b>Additional software (optional)</b>     | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD)<br>CyberLink PowerDVD BD (playback software for Blu-ray Disc™)<br>CyberLink PowerDVD DVD (playback software for DVD)<br>Nero Essentials XL         |

**Manageability**

|                                 |  |
|---------------------------------|--|
| <b>Manageability technology</b> | DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>Intrusion switch (optional)<br>WoL (Wake on LAN)  |
| <b>Manageability software</b>   | DeskView Client<br>DeskView Instant BIOS Management  |
| <b>DeskView components</b>      | BIOS Management incl. Security<br>Inventory Management<br>Driver Management<br>Alarm Management  |
| <b>Supported standards</b>      | DMI (Desktop Management Interface)<br>SMBIOS (System Management BIOS)<br>PXE (Preboot Execution Environment)<br>WMI (Windows Management Instrumentation)<br>WBEM (Web Based Enterprise Management)<br>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<br>Eye for padlock   |
| <b>System and BIOS Security</b> | Embedded security (TPM 2.0)<br>EraseDisk (optional)<br>Credential Guard Ready and Device Guard Capable (Windows 10, v. 1511)<br>Boot sector virus protection<br>Write protect option for the Flash EPROM<br>Control of all USB interfaces<br>External USB ports can be disabled separately<br>Control of external interfaces |
| <b>User Security</b>            | User and supervisor BIOS password<br>Hard disk password<br>Access protection via external SmartCard reader (optional)<br>Access protection via internal SmartCard reader (optional)<br>Workplace Protect (secure authentication solution)  |
| <b>Workplace Embedded Tools</b> | Auto BIOS Update via Fujitsu Server<br>Auto BIOS Update via customer server (optional)<br>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 EMEA, 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

Service Weblink <http://www.fujitsu.com/fts/services/support>

## 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™ Click 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

**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)

**Wireless Keyboard Set LX901**



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, security 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 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>



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2018-09-03 EM-EN

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