

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Desktop ESPRIMO D757/E94+

### Combines High Efficiency with Manageability

The FUJITSU ESPRIMO D757/E94+ Desktop provides high expandability and solid performance for your challenging business applications. The use of the same software load within the product series ensures perfect infrastructure compatibility and simplifies rollouts. Its 94%-efficient power supply will ensure environmental compliance for years to come. With its innovative Low Power Active Mode feature you are ready for instant communication in the modern office. Intel® Standard Manageability keeps administration costs low. Finally, EraseDisk ensures secure system retirement.



#### **Quiet**

Pleasant working environment due to an extremely quiet system

- Innovative hardware design, optimized cooling concept ensures silent operations

#### **Always Available Office PC - stay connected and save power**

Be ready for instant communication and significantly reduce your energy bill

- Innovative Low Power Active Mode and highly-efficient integrated power-supply



#### **Best energy efficiency coupled with high performance**

Low power consumption combined with high levels of performance

- 7th generation Intel® Core™ processor family, a switched monitor outlet and a power supply with 94% efficiency

#### **Green technology**

Another example of the Fujitsu commitment to environmental protection and sustainability

- Halogen-free printed circuit board of mainboard, sophisticated product concept for the entire lifecycle

#### **Serviceability**

Easy to extend and optimal user-friendliness without any additional tools

- Easy access to all replaceable and expandable components



# Components

<b>Processor</b>	Intel® Core™ i7-7700 processor (4 Cores / 8 Threads, 3.60 GHz, up to 4.2 GHz, 8 MB, Intel® HD Graphics 630) * Intel® Core™ i7-6700 processor (4 Cores / 8 Threads, 3.40 GHz, up to 4.0 GHz, 8 MB, Intel® HD Graphics 530) * , ** Intel® Core™ i5-7600 processor (4 Cores / 4 Threads, 3.50 GHz, up to 4.1 GHz, 6 MB, Intel® HD Graphics 630) * Intel® Core™ i5-7500 processor (4 Cores / 4 Threads, 3.40 GHz, up to 3.8 GHz, 6 MB, Intel® HD Graphics 630) * Intel® Core™ i5-7400 processor (4 Cores / 4 Threads, 3.00 GHz, up to 3.5 GHz, 6 MB, Intel® HD Graphics 630) * Intel® Core™ i5-6600 processor (4 Cores / 4 Threads, 3.30 GHz, up to 3.9 GHz, 6 MB, Intel® HD Graphics 530) * , ** Intel® Core™ i5-6500 processor (4 Cores / 4 Threads, 3.20 GHz, up to 3.6 GHz, 6 MB, Intel® HD Graphics 530) * , ** Intel® Core™ i5-6400 processor (4 Cores / 4 Threads, 2.70 GHz, up to 3.3 GHz, 6 MB, Intel® HD Graphics 530) * , ** Intel® Core™ i3-7100 processor (2 Cores / 4 Threads, 3.90 GHz, 3 MB, Intel® HD Graphics 630) Intel® Core™ i3-6100 processor (2 Cores / 4 Threads, 3.70 GHz, 3 MB, Intel® HD Graphics 530) ** Intel® Pentium® processor G4400 (2 Cores / 2 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 510) ** Intel® Pentium® Gold G4560 processor (2 Cores / 4 Threads, 3.50 GHz, 3 MB, Intel® HD Graphics 610) Intel® Celeron® processor G3930 (2 Cores / 2 Threads, 2.90 GHz, 2 MB, Intel® HD Graphics 610) Intel® Celeron® processor G3900 (2 Cores / 2 Threads, 2.80 GHz, 2 MB, Intel® HD Graphics 510) ** *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables) **6th generation Intel® processor
<b>Operating systems</b>	
<b>Operating system pre-installed</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home Windows 7 Professional (available through downgrade rights from Windows 10 Pro)
<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>	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 Certified for SUSE Enterprise Desktop
<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM 8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,133 MHz, UDIMM 8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM 16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,400 MHz, UDIMM

<b>Hard disk drives (internal)</b>	SSD PCIe, 1024 GB M.2 NVMe Highend module SSD PCIe, 512 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe Highend module 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, 128 GB M.2 NVMe module SSD SATA, 512 GB, M.2 module SSD SATA, 256 GB, M.2 module SSD SATA, 128 GB, M.2 module SSD SATA III, 512 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch, SED SSD SATA III, 256 GB, 2.5-inch, SED HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch, business critical HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 500 GB, 3.5-inch 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 SSHD (Solid State Hard Disk, Hybrid drive) SSD (Solid State Disk) SED (Self-Encrypting Drive)
<b>Graphics</b>	VGA Extension Card NVIDIA® Quadro® P400 , 2 GB NVIDIA® NVS™315 LP, 1 GB NVIDIA® GeForce® GTX 745 2 GB LP, 2 GB LFH59/ 2x DVI-I adapter cable LFH59/ 2x DP adapter cable DVI-I to VGA Adapter DP to DVI-D (single link) Adapter Cable AMD® Radeon R7 340, 2 GB
<b>Drives (optional)</b>	BD Triple Writer SATA ultra slim (tray) DVD Super Multi ultra slim (tray) MultiCard Reader 24in1 USB 2.0 3.5"
<b>Interface add on cards/components (optional)</b>	WLAN 802.11ac (2x2) PCIe x1 LP and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version) WLAN 802.11ac (2x2) PCIe x1 LP (dedicated regions only) Parallel Interface Gigabit Ethernet PCIe x1, DS eSATA Interface Dual serial card PCIe x1

## Base unit

<b>Base unit</b>	ESPRIMO D757/E94+
<b>Mainboard</b>	
<b>Mainboard type</b>	D3531

**Mainboard**

<b>Formfactor</b>	proprietary
<b>Chipset</b>	Intel® Q250
<b>Processor socket</b>	LGA 1151
<b>Processor quantity maximum</b>	1
<b>Supported capacity RAM (max.)</b>	64 GB
<b>Memory slots</b>	4 DIMM (DDR4)
<b>Memory frequency</b>	2,400 MHz
<b>Memory notes</b>	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
<b>LAN</b>	10/100/1,000 MBit/s Intel® I219V
<b>BIOS version</b>	AMI Aptio V UEFI Specification 2.5
<b>BIOS features</b>	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) CSM (Compatibility Support Module)
<b>Audio type</b>	On board
<b>Audio codec</b>	Realtek ALC671
<b>Audio features</b>	Internal speaker supports audio playback (optional), High Definition audio, 5.1 surround sound

**I/O controller on board**

<b>Serial ATA total</b>	5
<b>thereof SATA III</b>	5
<b>thereof eSATA</b>	2
<b>Controller functions</b>	Serial ATA III (6 Gbit) NCQ AHCI

**Interfaces**

<b>Audio: line-in</b>	1
<b>Audio: line-out</b>	1
<b>Front audio: microphone</b>	1
<b>Front audio: headphone</b>	1
<b>USB 2.0 total</b>	6
<b>USB 3.1 Gen1 (USB 3.0) total</b>	6
<b>USB 3.1 Gen2 total</b>	optional via add on card (planed May 2017)
<b>USB front</b>	2x USB 2.0; 2x USB 3.0; optional: 1x USB 3.1 Type C (Gen2) via add on card and front adapter bay
<b>USB rear</b>	2x USB 2.0; 4x USB 3.0; optional: 1x USB 3.1 Type C (Gen2) via add on card
<b>USB internal</b>	2x USB 2.0
<b>VGA</b>	optional: via adapter card
<b>DisplayPort</b>	2
<b>DVI</b>	1 (DVI-D)
<b>Serial (RS-232)</b>	optional: first and 2nd serial port (9pin, 16 byte FIFO, 16550 compatible)
<b>Mouse / Keyboard (PS/2)</b>	2
<b>Ethernet (RJ-45)</b>	1
<b>Parallel</b>	1 (optional) (25pin with EPP and ECP)
<b>eSATA</b>	1 (optional)
<b>Interface Module notes</b>	Anytime USB charge functionality, USB Typ C connector supports up to 15W, USB 3.0 is same as USB 3.1 Gen1

**Input device / components**

<b>Input devices (optional)</b>	Keyboard Mouse KBPC PX ECO Mouse M440 ECO
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**Drive bays**

3.5-inch internal bays	1
3.5-inch external bays	1
5.25-inch external bays	1
Drive bay notes	5,25" bay: for slim optical disc drive only; internal 3.5" bay: 1x 3.5" drive (screwless) or 1x 2.5" drive (screws) or optional via adapter for 1x or 2x 2.5" drives (screws); external 3.5" bay: optional as internal 3.5" bay (screws)
M.2-2280	1 x on mainboard (for PCIe or SATA SSD modules), supports Intel® Optane™ technology

**Slots**

PCI-Express 3.0 x16	1 x (174 mm / 6.85 inch) Low profile
PCI-Express 2.0 x4 (mech. x16)	1 x (174 mm / 6.85 inch) Low profile
PCI-Express x1	2 x (174 mm / 6.85 inch) Low profile

**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 (VGA)	1,024 x 768 pixel 1,280 x 1,024 pixel 1,360 x 768 pixel 1,440 x 900 pixel 1,600 x 900 pixel 1,600 x 1,200 pixel 1,680 x 1,050 pixel 1,920 x 1,080 pixel
TFT resolution (DVI)	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
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**

Support for up to three independent displays
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
DVI-D interface supports audio output for HDMI monitors

**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) : 86% / 90% / 94% / 93%
Rated voltage range	100 V - 240 V

**Electrical values**

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	280 W
Power factor correction/active power	active
Monitor outlet	Switched

**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=4789165e-e6a7-40f8-a98b-c3844778a510">http://docs.ts.fujitsu.com/dl.aspx?id=4789165e-e6a7-40f8-a98b-c3844778a510</a>

**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
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**Noise emission**

Related Processors for noise	Intel® Core™ i7 7700
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	tbd B / tbd dB(A) Bystander; tbd dB(A) Operator position
Standard noise operation mode: HDD load	tbd B / tbd dB(A) Bystander; tbd dB(A) Operator position
Standard noise operation mode: Idle mode	tbd B / tbd dB(A) Bystander; tbd dB(A) Operator position
Standard noise operation mode: ODD load	tbd B / tbd dB(A) Bystander; tbd dB(A) Operator position
Standard noise operation mode: Office applications 2.0	tbd B / tbd dB(A) Bystander; tbd dB(A) Operator position
Blue angel noise emission according certification	According to ISO 7779:2010, ECMA-74 for max. possible configuration
Blue angel noise notes / description	A-weighted sound power level Lwad (in B); 1B = 10dB
Blue angel noise operation mode: HDD load	3.4 B = 34 dB (A)
Blue angel noise operation mode: Idle mode	3.4 B = 34 dB (A)
Blue angel noise operation mode: ODD load	4.6 B = 46 dB (A)

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	332 x 338 x 89 mm 12.68 x 13.31 x 3.51 inch
Operating position	horizontal / vertical (optional, feet needed)
Weight	8 kg
Weight (lbs)	17.64 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 D756/E94+
Model	DTF
Germany	TÜV GS
Europe	CE

**Compliance**

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® Gold (dedicated regions)
China	CCC (depending on configuration) CEL (Chinese energy label) TPM 2.0 for China (optional)
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 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) Intel® Standard Manageability (depending on processor)
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)

**Security**

Physical Security	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)
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)

**Security****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  
 Low Power Active Mode  
 Extended lifetime

**Serviceability**

EasyFix  
 EasyChange for HDD  
 EasyChange for optical drives

**Packaging information**

<b>Packaging dimension (mm)</b>	467 x 265 x 540 mm
<b>Packaging dimension (inch)</b>	18.39 x 10.43 x 21.26 inch
<b>Max. quantity / pallet</b>	28
<b>Material - Weight (g) Carton</b>	1180 g
<b>Material - Weight (lbs) Carton</b>	2.6 lbs
<b>Material - Weight (g) EPS / PS</b>	180 g
<b>Material - Weight (lbs) EPS / PS</b>	0.4 lbs
<b>Material - Weight (g) PE</b>	60 g
<b>Material - Weight (lbs) PE</b>	0.13 lbs
<b>Packaging notes</b>	printed user documentation is bleached in chlorine free process

**Warranty**

<b>Warranty period</b>	1 year (for countries in EMEIA)
<b>Warranty type</b>	Bring-In / Onsite Service (for countries within region EMEIA, for all other countries depending on local regulations)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty">http://support.ts.fujitsu.com/warranty</a>
<b>Product Related Services - the perfect extension</b>	
<b>Recommended Service</b>	- 9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

**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 KB950 Phone**

The KB950 Phone is a modern and slim line USB keyboard with integrated Skype for business features. This extremely reliable, high-speed input device is the perfect way to manage incoming and outgoing calls, even when the system is locked. Three additional keys make it easy to accept and end calls and mute your microphone during a call. Easy number dialing is assured with the numpad. The integrated 61 x 12 mm display shows the time and date, the user status and shows incoming call data in the form of the calling number and caller ID.

S26381-F950-L4\*\* (\*\*:  
 Country specific variation)

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Desktop ESPRIMO D757/E94+, 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 D757/E94+, 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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