

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU Desktop ESPRIMO P558

Flexible and economic desktop PC for standard office applications

The FUJITSU ESPRIMO P558 Desktop PC provides high-quality computing for your daily office tasks. It supports attractive price points and its managed lifecycle ensures the functional stability needed for project continuity. Optional security functions, such as SmartCard reader, the EraseDisk feature and cable cover help secure your valuable business data as well as hardware components. You can easily configure the PC to meet your specific hardware needs as well as customize it to satisfy even more complex project requirements. With the ENERGY STAR® certification, the Low Power Active Mode and up to 94%-efficient power supply, ESPRIMO P558 helps reduce your carbon footprint and energy bill.

### High performance and best price/performance ratio

Powerful and cost-effective microtower

- 8th generation Intel® Core™ processor family

### Best energy efficiency coupled with performance

Low power consumption combined with highest levels of performance

- Latest Intel® processors, an optional switched monitor outlet and a power supply with up to 94% efficiency

### 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

### 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

### Made in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and functionality tests - all under one roof in Germany



# Components

	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Processor</b>	Intel® Celeron® processor G4900 (2 Cores / 2 Threads, 3.10 GHz, 2 MB, Intel® UHD Graphics 610) Intel® Pentium® Gold G5400 processor (2 Cores / 4 Threads, 3.70 GHz, 4 MB, Intel® UHD Graphics 610) Intel® Core™ i3-8100 processor (4 Cores / 4 Threads, 3.60 GHz, 6 MB, Intel® UHD Graphics 630) Intel® Core™ i5-8400 processor (6 Cores / 6 Threads, 2.80 GHz, up to 4.0 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-8500 processor (6 Cores / 6 Threads, 3.00 GHz, up to 4.1 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-8600 processor (6 Cores / 6 Threads, 3.10 GHz, up to 4.3 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i7-8700 processor (6 Cores / 12 Threads, 3.20 GHz, up to 4.6 GHz, 12 MB, Intel® UHD Graphics 630) *	
	*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)	
<b>Operating systems</b>		
<b>Operating system pre-installed</b>	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home	Windows 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Memory modules</b>	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM 8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM 16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM 8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM 16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,666 MHz, UDIMM
	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Graphics</b>	Others: VGA Extension Card	Others: VGA Extension Card
	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Hard disk drive</b>	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch 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, 500 GB, 3.5-inch SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 1024 GB M.2 NVMe module, SED SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 256 GB M.2 NVMe module, SED SSD PCIe, 512 GB M.2 NVMe module SSD PCIe, 512 GB M.2 NVMe module, SED SSD SATA III, 1024 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch 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, 500 GB, 3.5-inch SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 1024 GB M.2 NVMe module, SED SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 256 GB M.2 NVMe module, SED SSD PCIe, 512 GB M.2 NVMe module SSD PCIe, 512 GB M.2 NVMe module, SED SSD SATA III, 1024 GB, 2.5-inch SSD SATA III, 128 GB, 2.5-inch SSD SATA III, 256 GB, 2.5-inch SSD SATA III, 512 GB, 2.5-inch
<b>Hard disk notes</b>	SSD (Solid State Disk) SED (Self-Encrypting Drive)	
	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Optical drive</b>	MultiCard Reader 24in1 USB 2.0 3.5", USB 2.0 DVD-ROM DVD Super Multi, SATA DVD Super Multi ultra slim (tray), SATA BD Triple Writer SATA ultra slim (tray), SATA	MultiCard Reader 24in1 USB 2.0 3.5", USB 2.0 DVD-ROM DVD Super Multi, SATA DVD Super Multi ultra slim (tray), SATA BD Triple Writer SATA ultra slim (tray), SATA
	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Interfaces add on cards / components</b>	WLAN 802.11ac (2x2) PCIe x1 and BT 5 (dedicated regions only) WLAN 802.11ac (2x2) PCIe x1 (dedicated regions only) Gigabit Ethernet PCIe x1 eSATA Interface Dual serial card PCIe x1	WLAN 802.11ac (2x2) PCIe x1 and BT 5 (dedicated regions only) WLAN 802.11ac (2x2) PCIe x1 (dedicated regions only) Gigabit Ethernet PCIe x1 eSATA Interface Dual serial card PCIe x1

Base unit	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Mainboard</b>		
Mainboard type	D3600	
Formfactor	proprietary	
Chipset	Intel® H310	
Processor socket	LGA 1151	
Processor quantity maximum	1	
Supported capacity RAM (max.)	32 GB	
Memory slots	2 DIMM (DDR4)	
Memory frequency	2,666 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. 2666 MHz may be clocked down to 2400 or 2133 depending on used processor	
LAN	10/100/1,000 MBit/s Realtek RTL8111G	
BIOS version	AMI Aptio V UEFI Specification 2.6	
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)	
Audio type	On board	
Audio codec	Realtek ALC671	
Audio features	Internal speaker supports audio playback (optional), High Definition audio, 5.1 surround sound	
<b>I/O controller on board</b>		
Serial ATA total	3	
thereof SATA III	3	
thereof eSATA	1	
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI	
<b>Interfaces</b>		
Audio: line-in	1	
Audio: line-out	1	
Front audio: microphone	1	
Front audio: headphone	1	
USB 2.0 total	6	
USB 3.1 Gen1 (USB 3.0) total	4	
USB 3.1 Gen2 total	2 optional via add on card	
USB front	2x USB 2.0; 2x USB 3.0; optional: 1x USB 3.1 Type-C (Gen2) via add on card and front adapter bay	
USB rear	2x USB 2.0; 2x USB 3.0; optional: additional 1x USB 3.1 Type C (Gen2) via add on card	
USB internal	2x USB 2.0	
VGA	optional: via adapter card	
DisplayPort	1	
DVI	1 (DVI-D)	
Mouse / Keyboard (PS/2)	2	
Ethernet (RJ-45)	1	
eSATA	1 (optional)	
Interface Module notes	Anytime USB charge functionality	
<b>Input device / components</b>		
Input devices (optional)	Keyboard Mouse KBPC PX ECO Mouse M440 ECO	

**Drive bays**

Drive bays total	6
2.5-inch internal bays	1
3.5-inch internal bays	2
3.5-inch external bays	1
5.25-inch external bays	2
Drive bay notes	5,25" bays: one bay in HH format, one bay for slim optical disc drive only
M.2-2280	1 x on mainboard for SSD NVMe (PCIe 2.0 x2; up to 10Gbit/s)

**Slots**

PCI-Express 3.0 x16	1 x (240 mm / 9.45 inch) Full height
PCI-Express 2.0 x4 (mech. x16)	1 x (210 mm / 8.27 inch) Full height
PCI-Express x1	1 x (174 mm / 6.85 inch) Full height

**Graphics on board**

Graphics brand name Intel® UHD Graphics 610, Intel® UHD 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  
 Dual display support  
 DirectX® 12  
 HDCP support  
 OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors)  
 OpenGL® 4.4  
 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

Base unit	ESPRIMO P558/E85+	ESPRIMO P558/E94+
-----------	-------------------	-------------------

**Electrical values**

<b>Power efficiency note</b>	power supply efficiency at 10% / 20% / 50% / 100% load for 230V: 80% / 85% / 88% / 87%; for 115V: 79% / 84% / 87% / 84%	power supply efficiency at 10% / 20% / 50% / 100% load for 230V: 87% / 91% / 94% / 93%; for 115V: 86% / 90% / 92% / 90%
<b>Rated voltage range</b>	100 V - 240 V	100 V - 240 V
<b>Rated frequency range</b>	50 Hz - 60 Hz	50 Hz - 60 Hz
<b>Operating voltage range</b>	90 V - 264 V	90 V - 264 V
<b>Operating line frequency range</b>	47 Hz - 63 Hz	47 Hz - 63 Hz
<b>Max. output of single power supply</b>	210 W	280 W
<b>Power factor correction/active power</b>	active	active
<b>Monitor outlet</b>	No	Switched
<b>Base unit</b>	ESPRIMO P558/E85+	ESPRIMO P558/E94+

**Power consumption**

<b>Power consumption note</b>	See white paper Energy Consumption
-------------------------------	------------------------------------

**Noise emission**

<b>Related Processors for noise</b>	Intel® Core™ i7 8700	Intel® Core™ i7 8700
<b>Standard noise emission</b>	2x4 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74	2x4 GB, HDD, ODD, Windows According to ISO 7779:2010, ECMA-74
<b>Standard noise notes / description</b>	A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A))	A-weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A))
<b>Standard noise operation mode: CPU 50% load</b>	tbd	tbd
<b>Standard noise operation mode: HDD load</b>	tbd	tbd
<b>Standard noise operation mode: Idle mode</b>	tbd	tbd
<b>Standard noise operation mode: ODD load</b>	tbd	tbd
<b>Standard noise operation mode: Office applications 2.0</b>	tbd	tbd

**Dimensions / Weight / Environmental**

<b>Dimensions (W x D x H)</b>	180 x 304 x 375 mm 7.09 x 11.97 x 14.76 inch
<b>Operating position</b>	Vertical
<b>Weight</b>	7 kg
<b>Weight (lbs)</b>	15.50 lbs
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	10 - 35 °C (50 - 95 °F)
<b>Operating relative humidity</b>	5 - 85 % (relative humidity)

**Compliance**

<b>Product</b>	ESPRIMO P558/E85+	ESPRIMO P558/E94+
<b>Model</b>	MI6W	
<b>Germany</b>	GS (planned)	
<b>Europe</b>	CE	
<b>USA/Canada</b>	FCC Class B cTUVus	
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® in progress EPEAT® in progress (dedicated regions)	






**Miscellaneous**

Keyboard on (Special Fujitsu keyboard required)	Keyboard on (Special Fujitsu keyboard required)
Keyboard on with one key (KBPX Eco, KB521)	Keyboard on with one key (KBPX Eco, KB521)
Keyboard on with 2 keys (CTRL+CTRL) with PS2 or special USB keyboards	Keyboard on with 2 keys (CTRL+CTRL) with PS2 or special USB keyboards
Keyboard on with any key (USB)	Keyboard on with any key (USB)
Thermal management	Thermal management

**Warranty**

<b>Warranty period</b>	1 year (for countries in EMEA)
<b>Warranty type</b>	Bring-In / Onsite Service (for countries within region EMEA, 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>	X - 9x5, Onsite Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

## Recommended Accessories

<b>Display B24-8 TE Pro</b>		The FUJITSU Display B24-8 TE Pro is made for intensive office work. With visual and mechanical ergonomics this marble-grey display enables fatigue-free working for hours in front of the screen. The large 60.5 cm (23.8-inch) screen allows you to keep always track of all open applications. This high-quality display works unfailingly around the clock. Easy connectivity, manageability and usability help you increase your productivity.	Order Code: BDL:BFS-B24-8-TE
<b>Mouse M440 ECO</b>		Fujitsu Mouse M440 ECO is made from 100% bio material and has a completely PVC free cable. The elegant M440 ECO works on nearly every surface and follows all your hand movements smoothly and precisely. It features two main buttons and as well as a scroll wheel providing comfortable computing to both right and left-handed users.	Order Code: S26381-K450-L200
<b>SOUNDSYSTEM DS E2000 Air</b>		The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.	Order Code: S26391-F7128-L600

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Desktop ESPRIMO P558, 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 P558, 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. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, 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 2018 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 manufacturer, 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)  
2018-06-01 EM-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Designations may be trademarks and/or copyrights of the respective manufacturer, 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 2018 Fujitsu Technology Solutions GmbH