FUJITSU

Data Sheet
Fujitsu ESPRIMO P758

Excellent Performance, Expandability and Efficiency

The FUJITSU ESPRIMO P758 Desktop provides high expandability and solid performance for your challenging business applications.Up to 9th Gen Intel® Core™ processor, combined with the DeskView manageability suite support advanced manageability capabilities. Its energy-efficient power supply and the innovative Low Power Active Mode feature help reduce your power bills while ensuring instant communication in your workplace. The optional Intel® Standard Manageability keeps administration costs low. Finally, EraseDisk ensures secure system retirement.

Expandability
Most expandable microtower business PC with rich configuration options
- Full-height PCIe slots for more add-on cards, more drives, along with a full-sized DVD

Easy serviceability and usability
Features designed for easy access, control and use of the system
- Tool-less access to components; front connectors and interfaces for ease of use with USB Type-C (USB 3.1 Gen2) front connector

Always Available Office PC - stay connected and save power
Be ready for instant communication and a significantly reduced energy bill
- Innovative Low Power Active Mode and energy-efficient integrated power supply

Advanced system management
Simple system administration for complex IT infrastructures
- Intel® Standard manageability technology (ISM) optional and DeskView manageability suite

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 Authconductor software, EraseDisk software and SmartCard are available as options

Components

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Processor	Intel® Core™ i3-9100 processor (4 Cores / 4 Threads, 3.60 GHz, up to 4.2 GHz, 6 MB, Intel® HD Graphics 630) *	Intel® Core™ i5-9500 processor (6 Cores / 6 Threads, 3.00 GHz, up to 4.4 GHz, 9 MB, Intel® UHD Graphics 630) * Intel® Core™ i3-9100 processor (4 Cores / 4 Threads, 3.60 GHz, up to 4.2 GHz, 6 MB, Intel® HD Graphics 630) *
	*with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables)	

Operating systems		
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home	
Operating system notes	Certified for SUSE Enterprise Desktop Windows 10 Support: After the end of the product life Fujitsu will continue to test and support all upcoming Window 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 http://support.ts.fujitsu.com.	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Memory modules	8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM 16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,666 MT/s, UDIMM	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Graphics	Others: MiniDP to DP Adapter Cable Others: DP to DVI-D (single link) Adapter Cable	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Hard disk drive	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 SSD PCIe, 1024 GB M.2 NVMe Highend module SSD PCIe, 1024 GB M.2 NVMe module SSD PCIe, 1024 GB M.2 NVMe module, SED SSD PCIe, 256 GB M.2 NVMe Highend module SSD PCIe, 256 GB M.2 NVMe module SSD PCIe, 256 GB M.2 NVMe module, SED SSD PCIe, 512 GB M.2 NVMe Highend module 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	
Hard disk notes	SSD (Solid State Disk) SED (Self-Encrypting Drive)	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Optical drive	DVD-ROM DVD Super Multi, SATA DVD Super Multi ultra slim (tray), SATA BD Triple Writer SATA ultra slim (tray), SATA	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Interfaces add on cards / components	WLAN 802.11ac (2x2) PCIe x1, SRD 5.8GHz (dedicated regions only) WLAN 802.11ac (2x2) PCIe x1 and BT 5, SRD 5.8GHz (dedicated regions only) eSATA Interface Dual serial card PCIe x1	

	ESPRIMO P758/E85+	ESPRIMO P758/E94+

Base unit

Base unit	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Mainboard		
Mainboard type	D3601	
Formfactor	proprietary	
Chipset	Intel® Q370	
Processor socket	LGA 1151	
Processor quantity maximum	1	
Supported capacity RAM (max.)	64 GB	
Memory slots	4 DIMM (DDR4)	
Memory frequency	2,666 MT/s	
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 MHz depending on processor and memory configuration	
LAN	10/100/1,000 MBit/s Intel® I219V	
BIOS version	AMI Aptio V UEFI Specification 2.6	
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) Support for Compatibility Support Module (CSM) is no longer possible on systems with 8th Generation Intel® Core™ i technology	
Audio type	On board	
Audio codec	Realtek ALC671	
Audio features	Internal speaker supports audio playback (optional), High Definition audio, 5.1 surround sound	
I/O controller on board		
Serial ATA total	5	
thereof SATA III	5	
thereof eSATA	2	
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI	
Interfaces		
Audio: line-in	1	1
Audio: line-out	1	1
Front audio: microphone	1	1
Front audio: headphone	1	1
USB 2.0 total	6	6
USB 3.1 Gen1 (USB 3.0) total	4	4
USB 3.1 Gen2 total	3 and 2 optional via add on card	3 and 2 optional via add on card
USB front	2x USB 2.0; 2x USB 3.1 (gen2), 1x USB 3.1 (gen2) Type C; optional: 1x USB 3.1 Type-C (Gen2) via add on card and front adapter bay	2x USB 2.0; 2x USB 3.1 (gen2), 1x USB 3.1 (gen2) Type C; optional: 1x USB 3.1 Type-C (Gen2) via add on card and front adapter bay
USB rear	2x USB 2.0; 4x USB 3.0; optional: additional 1x USB 3.1 Type C (Gen2) via add on card	2x USB 2.0; 4x USB 3.0; optional: additional 1x USB 3.1 Type C (Gen2) via add on card
USB internal	2x USB 2.0	2x USB 2.0
VGA	optional: via adapter card	optional: via adapter card
DisplayPort	2	2
DVI	1 (DVI-D)	1 (DVI-D)
Serial (RS-232)	optional: serial port (9pin, 16 byte FIFO, 16550 compatible)	optional: serial port (9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2	2
Ethernet (RJ-45)	1	1

Interfaces

eSATA	1 (optional)	1 (optional)
Interface Module notes	Anytime USB charge functionality, USB Typ C connector supports up to 15W	Anytime USB charge functionality, USB Typ C connector supports up to 15W

Input device / components

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; internal 3.5" bays: 3.5" drive (screwless) or 2.5" drive (screws; optional screwless). drive cage for external 3.5" bay and internal 2.5" bay: optional
M.2-2280	1 x on mainboard for SSD NVMe (PCIe 3.0 x4; up to 32Gbit/s; supports Intel® Optane™ technology)

Slots

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

Graphics on board

Graphics brand name	Intel® UHD Graphics 610, Intel® UHD Graphics 630
Shared video memory	Up to half size of total system memory
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 on board

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® 4.5 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 and higher resolutions up to 4096 x 2160 pixel (at 30Hz refresh rate) if connected to the HDMI interface of a display via suitable adapter cables (not included)
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 P758/E85+	ESPRIMO P758/E94+

Electrical values

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Power efficiency note	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%
Rated voltage range	100 V - 240 V	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz	47 Hz - 63 Hz
Max. output of single power supply	210 W	280 W
Power factor correction/active power	active	active
Monitor outlet	No	Switched

Base unit	ESPRIMO P758/E85+	ESPRIMO P758/E94+

Power consumption

	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Power consumption note	See white paper Energy Consumption	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=aa55385f-839b-49ac-b2d2-68bbe1fd19c4	http://docs.ts.fujitsu.com/dl.aspx?id=b45c788f-81c0-49f0-af17-1878bfcc16a9

Noise emission

Related Processors for noise	Intel® Core™ i7 8700
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	3.5"-HDD: 3.5 B / 22 dB(A) Bystander; 23 dB(A) Operator position
Standard noise operation mode: HDD load	3.5"-HDD: 3.5 B / 22 dB(A) Bystander; 24 dB(A) Operator position
Standard noise operation mode: Idle mode	3.5"-HDD: 3.4 B / 21 dB(A) Bystander; 23 dB(A) Operator position
Standard noise operation mode: ODD load	3.5"-HDD: 4.6 B / 32 dB(A) Bystander; 38 dB(A) Operator position
Standard noise operation mode: Office applications 2.0	3.5"-HDD: 3.4 B / 21 dB(A) Bystander; 23 dB(A) Operator position

Dimensions / Weight / Environmental

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

Dimensions / Weight / Environmental

Operating relative humidity	5 - 85 % (relative humidity)

Compliance

Product	ESPRIMO P758/E85+	ESPRIMO P758/E94+
Model	MI6W	
Germany	TÜV GS	
Europe	CE	
USA/Canada	FCC Class B cTUVus	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) EPEAT® Bronze (dedicated regions) ENERGY STAR® 8.0 compliant
China	CCC (depending on configuration) CEL (Chinese energy label) TPM 2.0 for China (optional)	
Compliance link	https://sp.ts.fujitsu.com/sites/certificates	

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 (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 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.)

Base unit	ESPRIMO P758/E85+	ESPRIMO P758/E94+

Security

Physical Security	Kensington Lock support Eye for padlock Integrated cabinet lock (optional) Cable Cover (optional; covers and secures the ports and cables on rear side)
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) Credential Guard Ready and Device Guard Capable (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVME) 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) AuthConductor Client Basic (secure authentication solution)
Workplace Embedded Tools	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server Easy PC Protection

Manageability

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
	Low Power Active Mode	Low Power Active Mode
		Extended lifetime

Packaging information

Packaging dimension (mm)	439 x 296 x 499 mm
Packaging dimension (inch)	17.28 x 11.65 x 19.65 inch
Max. quantity / pallet	24
Material - Weight (g) Carton	1040 g
Material - Weight (lbs) Carton	2.29 lbs
Material - Weight (g) EPS / PS	165 g
Material - Weight (lbs) EPS / PS	0.36 lbs
Material - Weight (g) PE	60 g
Material - Weight (lbs) PE	0.13 lbs
Packaging notes	If cable cover is inlcuded in packaging: 1.) packaging dimension is increasing to: 505 x 298 x 537mm / (19.88 x 11.73 x 21.14 inch); 2.) material weight of carton will increase to 1400g; 3.) max. quantity/pallet = 18; printed user documentation is bleached in chlorine free process

Warranty

Warranty period	1 year (for countries in EMEIA)
Warranty type	Bring-In / Onsite Service (for countries within region EMEIA, for all other countries depending on local regulations)

Product Support - the perfect extension

Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/

Recommended Accessories

Display P27-8 TS UHD		The FUJITSU Display P27-8 TS UHD is perfect for multi-monitor use scenarios with its 3840 x 2160 Ultra HD resolution and the thin bezel housing. The monitor has a 78°/178° wide viewing angle and a 100% sRGB color space to deliver you a consistent high picture quality. Features like ECO function, the DisplayView™ IT Suite manageability software as a range of connectivity options meet the requirements of medium- and large-sized businesses.	Order Code: S26361-K1610-V160

More information

In addition to Fujitsu ESPRIMO P758, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO P758, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com

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Contact

Address: x-xx-x, street, city, state, ZIP code, country
Phone: xx-xxxx-xxxx
Fax : xx-xxxx-xxxx
Email: xxx.xxxxx@xx.fujitsu.com
Website: www.fujitsu.com/[country]
2023-08-02 CE-EN