FUJITSU

Fujitsu recommends Windows 11 Pro.

Data Sheet
Fujitsu Desktop ESPRIMO D7011

New small form factor PC in a more compact and space-saving design

The FUJITSU ESPRIMO D7011 Desktop is a high performance, secure small form factor PC with ultimate expandability, along with best-in-class connectivity. Faster operations and a new housing helps in space saving to create the perfect working desk. The USB Type-C, flexible graphics options, offers great connectivity. The 80Plus GOLD and 80Plus PLATINUM power supply helps to reduce environmental impact and energy bills

Latest Intel® chipset technology and higher memory speed
High performance ensures faster operations and lower system response time
■ Intel® B560 chipset with higher memory frequency of 3,200 MT/s

New housing and ultimate expandability
Space saving design for your future computing needs
■ 2x low profile (LP) or 1x LP/ 1x full height (Riser) via BTO
■ Space saving in width and depth with new 8.3 liters volume

Best-in-Class connectivity
Be flexible and stay productive in a hyper-connected world
■ Support of new USB Type-C in front
■ Flexible graphics options (VGA, DVI-D, HDMI, Type-C, DP)
■ USB Type-C support of 60 W (optional to power a display)
■ Legacy PS2, serial port connectors as option

High security with integrated options
Designed to protect data and hardware components against manipulation and theft
■ Cable cover in addition to existing Smartcard reader, Erasedisk software
■ Integrated cabinet lock with master key option
■ Hole for pad lock and Kensington as standard for security

Low power consumption, easy serviceability and usability
Reduced environmental impact and reduced energy bills and features designed for easy access, control and use of the system
■ 80Plus GOLD and 80Plus PLATINUM power supply efficiency with monitor outlet
■ Tool-less access to components, easy change and Screw-less add on cards

ENERGY STAR   FREE UPGRADE ■ Windows 11   TCO CERTIFIED

Components

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Processor	Intel® Core™ i9-10900 processor (10 Cores / 20 Threads, 2.80 GHz, 20 MB, Intel® UHD Graphics 630) ** Intel® Core™ i7-11700 processor (8 Cores / 16 Threads, 2.5 GHz, 16 MB, Intel® UHD Graphics 750) ** Intel® Core™ i7-10700 processor (8 Cores / 16 Threads, 2.90 GHz, 16 MB, Intel® UHD Graphics 630) ** Intel® Core™ i5-11500 processor (6 Cores / 12 Threads, 2.70 GHz, 12 MB, Intel® UHD Graphics 750) * Intel® Core™ i5-10600 processor (6 Cores / 12 Threads, 3.30 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10505 processor (6 Cores / 12 Threads, 3.20 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10500 processor (6 Cores / 12 Threads, 3.10 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10400 processor (6 Cores / 12 Threads, 2.90 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i3-10105 processor (4 Cores / 8 Threads, 3.70 GHz, 6 MB, Intel® UHD Graphics 630) * Intel® Pentium® Gold G6400 (2 Cores / 4 Threads, 4.00 GHz, 4 MB, Intel® UHD Graphics 610)	Intel® Core™ i9-11900 processor (8 Cores / 16 Threads, 2.5 GHz, 16 MB, Intel® UHD Graphics 750) ** Intel® Core™ i9-10900 processor (10 Cores / 20 Threads, 2.80 GHz, 20 MB, Intel® UHD Graphics 630) ** Intel® Core™ i7-11700 processor (8 Cores / 16 Threads, 2.5 GHz, 16 MB, Intel® UHD Graphics 750) ** Intel® Core™ i7-10700 processor (8 Cores / 16 Threads, 2.90 GHz, 16 MB, Intel® UHD Graphics 630) ** Intel® Core™ i5-11500 processor (6 Cores / 12 Threads, 2.70 GHz, 12 MB, Intel® UHD Graphics 750) * Intel® Core™ i5-10600 processor (6 Cores / 12 Threads, 3.30 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10505 processor (6 Cores / 12 Threads, 3.20 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10500 processor (6 Cores / 12 Threads, 3.10 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i5-10400 processor (6 Cores / 12 Threads, 2.90 GHz, 12 MB, Intel® UHD Graphics 630) * Intel® Core™ i3-10105 processor (4 Cores / 8 Threads, 3.70 GHz, 6 MB, Intel® UHD Graphics 630) *
	*with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables) **with Intel® Turbo Boost Max Technology 3.0 (clock speed and performance will vary depending on workload and other variables)	

Operating systems

Operating system pre-installed	Windows 11 Pro. Fujitsu recommends Windows 11 Pro for business. Windows 11 Home Windows 10 Pro. Fujitsu recommends Windows 11 Pro for business.
Operating system compatible	FREE Upgrade to Windows 11* *Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see aka.ms/windows11-spec).
Operating system notes	After the end of the product life Fujitsu will continue to test and support all upcoming Windows 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 General Availability Channel" at https://support.ts.fujitsu.com/IndexProdSupport.asp?lng=com&OpenTab=

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Memory modules	32 GB (module(s) 32 GB) DDR4, unbuffered, non-ECC, 3,200 MT/s, UDIMM 16 GB (module(s) 16 GB) DDR4, unbuffered, non-ECC, 3,200 MT/s, UDIMM 8 GB (module(s) 8 GB) DDR4, unbuffered, non-ECC, 3,200 MT/s, UDIMM 4 GB (module(s) 4 GB) DDR4, unbuffered, non-ECC, 3,200 MT/s, UDIMM	

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Graphics	Entry 3D: NVIDIA® T400, 2 GB, PCIe x16, 3 x miniDP Entry 3D: NVIDIA® GeForce® GTX 1650, 4 GB, PCIe x16 Entry 3D: AMD Radeon™ Pro WX 3200, 4 GB, PCIe x16, 4 x miniDP Others: MiniDP to DP Adapter Cable	Entry 3D: NVIDIA® T400, 2 GB, PCIe x16, 3 x miniDP Others: MiniDP to DP Adapter Cable

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Mass storage 3.5 inch size	HDD SATA III, 7,200 rpm, 1000 GB, 3.5-inch HDD SATA III, 7,200 rpm, 2000 GB, 3.5-inch	
Mass Storage M.2 technology	SSD PCIe, 1024 GB M.2 NVMe module (Gen4), SED SSD PCIe, 128 GB M.2 NVMe module (Value) SSD PCIe, 256 GB M.2 NVMe module (Gen4), SED SSD PCIe, 256 GB M.2 NVMe module (Value) SSD PCIe, 512 GB M.2 NVMe module (Gen4), SED SSD PCIe, 512 GB M.2 NVMe module (Value)	SSD PCIe, 1024 GB M.2 NVMe module (Gen4), SED SSD PCIe, 256 GB M.2 NVMe module (Gen4), SED SSD PCIe, 256 GB M.2 NVMe module (Value) SSD PCIe, 512 GB M.2 NVMe module (Gen4), SED SSD PCIe, 512 GB M.2 NVMe module (Value)

Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
	SSD (Solid State Disk)
	SED (Self-Encrypting Drive)

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Optical drive	DVD Super Multi ultra slim (tray), SATA	BD Triple Writer SATA ultra slim (tray), SATA
	BD Triple Writer SATA ultra slim (tray), SATA	DVD Super Multi ultra slim (tray), SATA
	SD Card reader, USB 3.0	SD Card reader, USB 3.0

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Interfaces add on cards / components	WLAN 802.11ax (2x2) PCIe x1 LP and Bluetooth 5.2, SRD 5.8GHz (dedicated regions only)	
	Dual serial card PCIe x1 LP	
	2.5 Gigabit Ethernet PCIe x1	
LAN Notes	System provides one connector to be used for LAN or graphics	
	Optional LAN connectors:	
	LAN 2.5GB Ethernet (Intel 225LM)	
	LAN Gigabit Ethernet (Realtek RTL8111EP) DASH support	

	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Component notes	The listed product components and optional functions are not available in all region/countries	The listed product components and optional functions are not available in all region/countries;
		Energy Star certification only with Windows operating system
		base unit for TCO Certified generation 9

Base unit

Base unit	ESPRIMO D7011	ESPRIMO D7011 ESTAR
Mainboard		
Mainboard type	D3923-A2	
Formfactor	proprietary	
Chipset	Intel® B560	
Processor socket	LGA 1200	
Processor quantity maximum	1	
Supported capacity RAM (max.)	128 GB	
Memory slots	4 DIMM (DDR4)	
Memory frequency	3,200 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.	
	3200 MHz may be clocked down to 2933/2400MHz depending on processor and memory configuration	
LAN	10/100/1,000 MBit/s Realtek RTL8111H	
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 ALC897	
Audio features	Internal speaker supports audio playback, High Definition audio, 5.1 surround sound	
I/O controller on board		
Serial ATA total	5	
thereof SATA III	5	
Controller functions	Serial ATA III (6 Gbit)	
	NCQ	
	AHCI	

Interfaces

Audio: line-in	1
Audio: line-out	1
Front audio: headset	1
USB 2.0 total	7
USB 3.2 Gen1 (5 Gbps) total	3
USB 3.2 Gen2 (10 Gbps) total	1 and 1 optional
USB 3.2 Gen2x2 (20 Gbps) total	1
USB front	3x USB 2.0 1x USB 3.2 Gen 2 1x USB 3.2 Gen 2x2 Type-C (supports up to 15W)
USB rear	4x USB 2.0 2x USB 3.2 Gen 1 optional: additional 1x USB 3.2 Gen 2 Type-C (supports DisplayPort 1.4 and power delivery (PD) up to 15W or 60W (occupies PCIe x16 slot)
USB internal	1x USB 2.0 or 1x USB 3.2 (Gen 1) Type A
VGA	optional
DisplayPort	2
DVI	optional (DVI-D)
Serial (RS-232)	1 (optional serial port (9pin, 16 byte FIFO, 16550 compatible))
Mouse / Keyboard (PS/2)	2 (optional)
Ethernet (RJ-45)	1
Interface Module notes	Anytime USB charge functionality
Kensington Lock support	1

Input device / components

Input devices (optional)	Keyboard Mouse

Drive bays

Drive bays total	3
2.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	optional: 1x internal 3.5" bay (screwless) can be used via adapter for 1x or 2x 2.5" drives (screwless); 5.25" bay: for slim optical disc drive only;
M.2-2280	2 x on mainboard for SSD NVMe: 1x PCIe 4.0 x4; up to 64Gbit/s; only with 11th generation CPUs 1x PCIe 3.0 x4; up to 32Gbit/s

Slots

PCI-Express 3.0 x4 (mech. x16)	1 x (150 mm / 5.91 inch)
PCI-Express 4.0 x16	1 x (210 mm / 8.27 inch) Low profile or full height (via Riser card), optional

Graphics on board

Graphics brand name	Intel® UHD Graphics 730, Intel® UHD Graphics 750, Intel® UHD Graphics 610, Intel® UHD Graphics 630
Shared video memory	Up to half size of total system memory
TFT resolution (VGA)	Up to 1,920 x 1,080 pixel
TFT resolution (DVI)	Up to 1,920 x 1,200 pixel
TFT resolution (DisplayPort)	Up to 4,096 x 2,304 pixel
TFT resolution (HDMI)	Up to 4,096 x 2,160 pixel (30 Hz)

Graphics on board

Graphics features	Support for up to three independent displays
	DirectX® 12
	HDCP support
	OpenCL™ 2.1
	OpenGL® 4.5
	For multi monitoring mode, graphics card and integrated graphics run in parallel
	DisplayPort interface supports Ver. 1.4 incl. Multi-Stream
	Digital audio formats are supported, including Dolby Digital Plus (7.1 channels)
	DVI-D interface supports audio output if connected to the HDMI interface of a display via suitable adapter cables (not included)
	System provides one connector to be used for LAN or graphics
	Optional graphics connectors:
	HDMI™ 2.0b
	DisplayPort™ 1.4a
	DVI-D
	VGA
	USB Type-C™ (supports DisplayPort™ 1.4 and power delivery (PD) up to 15W)
	USB Type-C™ (supports DisplayPort™ 1.4 and power delivery (PD) up to 60W. Occupies PCIe x16 slot)
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 D7011	ESPRIMO D7011 ESTAR

Electrical values

Power efficiency note	Power supply efficiency in % at 10% / 20% / 50% / 100% load
	80Plus GOLD:
	for 230V ; 87/90/92/91
	for 115V ; 86/89/91/88
	80Plus PLATINUM:
	for 230V ; 88/92/94/93
	for 115V ; 87/91/92/91
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	GOLD: 280W; PLATINUM: 300 W
Power factor correction/active power	active
Monitor outlet	Switched for PLATINUM power supply
Base unit	ESPRIMO D7011	ESPRIMO D7011 ESTAR

Power consumption

Power consumption note	See white paper Energy Consumption	See white paper Energy Consumption
Link to Energy White Paper	https://docs.ts.fujitsu.com/dl.aspx?id=972acf94-29e6-49ca-90fd-c198b6e0cacf	

Noise emission

Related Processors for noise	Intel® Core™ i5-11500 processor and 8GB, ODD; Windows 10 (tower position)
Standard noise emission	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	Bystander; Operator position
	PLATINUM PSU: 3.1 B / 18 dB(A); 18 dB(A) (SSD M.2)
	GOLD PSU:3.3 B / 20 dB(A); 20 dB(A) (3.5″HDD)
Standard noise operation mode: HDD load	Bystander; Operator position
	PLATINUM PSU: 3.1 B / 18 dB(A); 18 dB(A)(SSD M.2)
	GOLD PSU: 3.4 B / 21 dB(A); 22 dB(A) (3.5″HDD)

Noise emission

Standard noise operation mode: Idle mode	Bystander; Operator position PLATINUM PSU: 3.1 B / 18 dB(A); 18 dB(A) (SSD M.2) GOLD PSU: 3.3 B / 20 dB(A); 21 dB(A) (3.5" HDD)
Standard noise operation mode: ODD load	Bystander; Operator position PLATINUM PSU: 4.5 B / 31 dB(A); 35 dB(A) (SSD M.2) GOLD PSU: 4.3 B / 30 dB(A); 35 dB(A) (3.5" HDD)
Standard noise operation mode: Office applications 2.0	Bystander; Operator position PLATINUM PSU: 3.1 B / 18 dB(A); 19 dB(A) (SSD M.2) GOLD PSU: 3.3 B / 19 dB(A); 20 dB(A) (3.5" HDD)

Dimensions / Weight / Environmental

Dimensions (W x D x H)	314 x 296 x 89 mm
	12.36 x 11.65 x 3.51 inch
Operating position	horizontal / vertical (optional, feet needed)
Weight	approx. 8 kg
Weight (lbs)	approx. 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 D7011	ESPRIMO D7011 ESTAR
Model	DTG	
Germany	GS TÜV NRTL	
Europe	CE	
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) ENERGY STAR® 8.0 EPEAT® Silver (dedicated regions) TCO Certified 9.0
Compliance link	https://sp.ts.fujitsu.com/sites/certificates	

Additional Software

Additional software (preinstalled)	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 2021 Microsoft® Office Home and Business 2021 (Need to buy license to activate the pre-installed Microsoft Office. Purchase and activation only in the region in which it was acquired.)	
Base unit	ESPRIMO D7011	ESPRIMO D7011 ESTAR

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)

Security

System and BIOS Security	Embedded security (TPM 2.0)
	EraseDisk
	Credential Guard Ready and Device Guard Capable (requires 8 GB or more system RAM and SSD PCIe NVME)
	Modern Standby ready (for configurations with Gen4 NVMe SSD and w/o PCIe cards)
	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)

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

Miscellaneous

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

Packaging information

Packaging dimension (mm)	499 x 296 x 439 mm
Packaging dimension (inch)	19.65 x 11.65 x 17.28 inch
Max. quantity / pallet	24
Material - Weight (g) Carton	1117 g
Material - Weight (lbs) Carton	2.46 lbs
Material - Weight (g) EPS / PS	225 g
Material - Weight (lbs) EPS / PS	0.5 lbs
Material - Weight (g) PE	25 g
Material - Weight (lbs) PE	0.06 lbs
Packaging notes	printed user documentation is bleached in chlorine free process;
	Bulk packaging for projects (optional)

Warranty

Warranty period	1 year
Warranty type	Bring-In / Onsite Service (depending on country)
Warranty Terms & Conditions	http://www.fujitsu.com/warranty

Warranty

Digital bug fixes	Subject to availability and following their generic release for the product, bug fixes and function-preserving patches for product-related software (firmware) can be downloaded from the technical support at: https://support.ts.fujitsu.com/ free of charge by entering the respective product serial number. For application software supplied together with the product, please directly refer to the support websites of the respective software manufacturer.

Product Support Services - the perfect extension

Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/

Recommended Accessories

			Order Code: S26462-F5801-L523
Blue LED Mouse M960		The Blue LED Mouse M960 comes in a slim design with proven Fujitsu engineering quality. The track on glass Blue LED sensor enables ultra precise switchable resolution at 1,000, 1,600 and 2,000 dpi. Blue LED Mouse M960 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand.	Order Code: S26381-K470-L100
Keyboard KB955		The KB955 is a very flat keyboard with extra low keys and spill-resistant protection. The elegant design and top-quality construction makes the KB955 the ideal input device for any PC or Notebook user. If you accidently spill some water or coffee onto the keyboard, this special construction helps the liquid to flow away.	S26381-K955-L4** (**: Country specific variation)

More information

Fujitsu products, solutions & services

In addition to Fujitsu Desktop ESPRIMO D7011, 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 D7011, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/emeia/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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