Fujitsu recommends Windows 11 Pro.



Data Sheet

Fujitsu Desktop ESPRIMO G9013

A smart and ultra-compact Mini PC for advanced office needs

The Fujitsu ESPRIMO G9013 is a smart Mini PC which offers advanced Desktop PC functionality in an ultra-compact, space-saving design. Making it a perfect device for working from home or in flexible workplaces with its single cable Type-C connection. Provided with 12th and 13th Gen Intel® Core™ processors and vPro™ technology, the devices empower impressive performance/volume ratio.

Green technology

Eye-catching exclusive modern design

- Low noise Mini PC thus providing ergonomic, clean and clutter-free working environment
- Offers advanced desktop PC functionality with a volume of only ~0.87 liters
- Impressive performance/volume ratio and is easy to set up in minutes

Small in size but grand in performance

High performance in a small Mini PC design

- Intel chipset technology with 12th and 13th generation Intel® Core™ processor family
- Intel® vPro™ Enterprise and Intel® vPro™ Essentials technology as BTO (depending on processor)
- Next generation Intel integrated graphics

Flexibility without limits

Pleasant working environment due to quiet system

- Concept with different heights allows ODD and upgrade options like power supply and PCle slot
- Flexibility for later device upgrades
- Various mounting options

Ultimate usability - Perfect fit for modern offices and workplaces

Flexible mounting options and wide range of usage scenarios

- Integrated into Fujitsu AIO Display P2410 enables a space saving all-in-one system
- Can be used for horizontal or vertical operations and easy upgrade of major components
- VESA mount for attaching the PC to displays, stands or walls
- Ideal device to use for home office scenarios due to its mobility and one cable solution

Made in Europe with low environmental impact

Reduced environmental impact and reduced energy bills

- High efficient AC adapter or internal 80Plus PLATINUM power supply as option
- Sum of post-consumer recycled content for plastic per weight is up to 50% (min. 11% are from ITE derived post-consumer material and min. 35% are any other post-consumer material)

















Components

	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
Processor			
	Intel® vPro® Platform Logo (optional) with Intel® Core™ i5-1	2500, Intel® Core™ i5-13500, Intel® Core™ i7 and Intel®	
	Core™ i9 processors *with Intel® Turbo Boost Technology 2.0 (clock speed and p	performance will vary depending on workload and other	
	variables) **with Intel® Turbo Boost Max Technology 3.0 (clock speed	l and performance will vary depending on workload and	
	other variables)	rana periormanee wiii vary depending on workload and	
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 l	business.	
Operating system notes	Windows 11 requires for first device setup:		
	- Internet connectivity		
	- Microsoft account for Home editions or organizational ac		
	After product end of life, Fujitsu continues to test and supplementation of hardware services through warranty top ups.	oort new windows releases for max. 5 years, depending on	
	For more details please visit our Fujitsu Service Statement	under https://support.ts.fujitsu.com/IndexProdSupport.	
	asp?lng=com&OpenTab=		
	The use of Windows Operating System is subject to accept	ance of the End User License Agreement of Microsoft as	
	applicable under the relevant Microsoft program.		
	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
Memory modules			
	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
Graphics			
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.		
	SSD (Solid State Disk)		
	SED (Self-Encrypting Drive)	ns on road and write cycles	
	·	Durability in accordance with the manufacturer's indications on read and write cycles.	
	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
Optical drive			
	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
LAN Notes	WI-FI 6E: The device does not operate in 6GHz band in all countries, due to national regulations.		
	see flexible interface options Bluetooth 5.2: Bluetooth® 5.2 operation requires Microsoft OS support. Until Microsoft OS support is available,		
	Bluetooth § 5.2 will function as Bluetooth § 5.1 or lower		
	ESPRIMO G9013	ESPRIMO G9013 ESTAR	
Component notes	·	e The listed product components and optional functions ar	
	not available in all region/countries;	not available in all region/countries;	
	System is available in 3 different housing versions:	Energy Star certification only with Windows operating	
	System is available in 3 different housing versions: Small version (0.87 Liter)	system Base unit for TCO Certified generation 9;	
	ODD bay version (1.23 Liter)	generality	
	Interal Power supply (1,85 Liter)	System is available in 3 different housing versions:	
	Internal Power supply/ PCIe Slot version (1.85 Liter)	Small version (0.87 Liter)	
		ODD bay version (1.23 Liter)	
		Interal Power supply (1,85 Liter)	
		Internal Power supply/ PCIe Slot version (1.85 Liter)	

Base unit

Paco unit	ECDDIMO COO12	ECDDIMO COO12 ECTAD
Base unit	ESPRIMO G9013	ESPRIMO G9013 ESTAR
Mainboard		
Mainboard type	D4014-A3x	
Formfactor	proprietary	
Chipset	Intel® Q670	
Processor socket	LGA1700	
Processor quantity maximum	1	
Supported capacity RAM (max.)	64 GB	
Memory slots	2 DIMM (DDR5)	
Memory frequency	5,600 MT/s	
Memory notes	Dual channel support For dual channel performance, 2 memory modules have to 5600 MT/s may be clocked down to 5200/4800 MT/s deper	
LAN	10/100/1,000 MBit/s Intel® I219LM	
Integrated WLAN	1 (optional with two integrated antennas)	
BIOS version	AMI Aptio V UEFI Specification 2.8	
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)	
Audio type	On board	
Audio codec	Realtek ALC257N	
Audio features	Internal speaker supports audio playback, High Definition a	audio
I/O controller on board		
Serial ATA total	2	
Controller functions	Serial ATA III (6 Gbit)	
	NCQ AHCI RAID 1/0	
Interfaces		
Front audio: headset	1	1
Flexible Interface Options	One of following flexible Interface options can be added to the system HDMI™ (supports 4k@60Hz as specified in HDMI™ 2.1) DisplayPort™ 1.4a (external HDMI- and DVI adapters not supported) 2.5 Gigabit Ethernet (Intel 225LM) Serial port (9pin, 16 byte FIFO, 16550 compatible) 2x USB 2.0 Type A	One of following flexible Interface options can be added to the system HDMI™ (supports 4k@60Hz as specified in HDMI™ 2.1) DisplayPort™ 1.4a (external HDMI- and DVI adapters not supported) Serial port (9pin, 16 byte FIFO, 16550 compatible) 2x USB 2.0 Type A
USB front	1x USB 3.2 Gen 1 (5 Gbps) Type-A 1x USB 3.2 Gen 2 (10 Gbps) Type-A 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C (provides up to 15W)	1x USB 3.2 Gen 1 (5 Gbps) Type-A 1x USB 3.2 Gen 2 (10 Gbps) Type-A 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C (provides up to 15W)
USB rear	1x USB 2.0 Type-A 3x USB 3.2 Gen 2 (10 Gbps) Type-A 1x USB 3.2 Gen 2 Type-C (10 Gbps, supports DisplayPort 1.4 and power delivery sink**) see flexible interface options	1x USB 2.0 Type-A 3x USB 3.2 Gen 2 (10 Gbps) Type-A 1x USB 3.2 Gen 2 Type-C (10 Gbps, supports DisplayPort 1.4 and power delivery sink**) see flexible interface options
DisplayPort	1 (DisplayPort 1.4; DP++)	1 (DisplayPort 1.4; DP++)
HDMI	1 - Supports 4K@60Hz as specified in HDMI™ 2.1	1 - Supports 4K@60Hz as specified in HDMI™ 2.1
Ethernet (RJ-45)	1	1

Interfaces Module notes	**With power delivery sink support, the system is operated	**With power delivery sink support, the system is operate
	by the power from peripherals, e.g. port replicators or displays. An extra power supply for the system is not needed. Peripherals must provide min. 60Watt or 90Watt (for maximum CPU performance). For Core i7-13700T CPU and higher, 90Watt power delivery is needed.	by the power from peripherals, e.g. port replicators or displays. An extra power supply for the system is not needed. Peripherals must provide min. 60Watt or 90Watt (for maximum CPU performance). For Core i7-13700T CPU and higher, 90Watt power delivery is needed.
Kensington Lock support	1	1
Input device / components		
Input devices (optional)	Keyboard Mouse	
Drive bays		
Drive bays total	2	
5.25-inch external bays	1	
Drive bay notes	5.25" slim optical disc drive or 2.5" HDD as option in ODD ba	ay housing version
M.2-2280	1 x on mainboard (PCle 4.0 x4; up to 64Gbit/s) and 1 x option	onal (PCle 3.0 x4; up to 32Gbit/s)
Slots		
PCI-Express 3.0 x4 (mech. x16)	1 x (168 mm / 6.61 inch)	
M.2-2230	on mainboard for WLAN module	
Graphics on board		
Graphics brand name	Intel® UHD Graphics 770, Intel® UHD Graphics 730, Intel® UHD Graphics 710	
Shared video memory	Up to half size of total system memory	
TFT resolution (DisplayPort)	Up to 4,096 x 2,304 pixel	
TFT resolution (HDMI)	Up to 4,096 x 2,304 pixel	
	DirectX® 12.1 HDCP support OpenCL 3.0 OpenGL ® 4.6 Vulkan™ DisplayPort interface supports Ver. 1.4 incl. Multi-Stream Digital audio formats are supported, including Dolby Digita see flexible interface options	al Plus (7.1 channels)
Base unit	ESPRIMO G9013	ESPRIMO G9013 ESTAR
Electrical values		
Power efficiency note	90 Watt AC adapter: power supply efficiency at 115/230V: 89% average efficiency 150 Watt internal PLATINUM power supply (optional): Power supply efficiency in % at 10% / 20% / 50% / 100% load for 230V; 90/93/94/94 for 115V; 90/91/93/92	
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	AC Adapter: 90 W internal PLATINUM power supply (optional): 150 W	
Base unit	ESPRIMO G9013	ESPRIMO G9013 ESTAR
Power consumption		
Power consumption note	See white paper Energy Consumption	
Noise emission		
Related Processors for noise	Intel® Core™ i5-13500T processor and 8GB, 512GB SSD, Win	dows 11 (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))	

Noise emission		
Standard noise operation mode: CPU	Small version: 3.0 B / 17 dB(A) Bystander; 18 dB(A) Operate	or position
50% load	ODD bay version: 3.1 B / 18 dB(A) Bystander; 19 dB(A) Operator position (with DVD slim) PCle Slot version: 3.1 B / 18 dB(A) Bystander; 19 dB(A) Operator position (with Nvidia T400)	
Standard noise operation mode: HDD	Small version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operator position	
oad	ODD bay version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operator position (with DVD slim) PCle Slot version: 3.1 B / 18 dB(A) Bystander; 20 dB(A) Operator position (with Nvidia T400)	
Standard noise operation mode: Idle mode	Small version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operator position ODD bay version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operator position (with DVD slim)	
	PCle Slot version: 3.0 B / 17 dB(A) Bystander; 17 dB(A) Operator position (with Nvidia T400)	
standard noise operation mode: ODD oad	ODD bay version: 4.5 B / 32 dB(A) Bystander; 34 dB(A) Operator position (with DVD slim)	
Standard noise operation mode: Office	Small version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operate	or position
applications 2.0	ODD bay version: 2.9 B / 16 dB(A) Bystander; 16 dB(A) Operator position (with DVD slim) PCIe Slot version: 3.0 B / 17 dB(A) Bystander; 18 dB(A) Operator position (with Nvidia T400)	
Dimensions / Weight / Environmental		
Dimensions (W x D x H)	146.5 x 164.5 x 36 mm	
	5.77 x 6.48 x 1.42 inch	
Dimension notes	With ODD drive bay, the dimensions are: $146.5 \times 164.5 \times 51 \text{ mm}$ (5.77 x 6.48 x 2.01 inch) With internal power supply / PCle slot version, the dimensions are: $146.5 \times 176.9 \times 71 \text{ mm}$ (5.77 x 6.97 x 2.80 inch)	
Operating position	Vertical / horizontal (feet included)	
Weight	Small	
	Min:0.86kg; 1x mem,1xSDD	
	Max:1.025kg; 2x mem,2xSSD,HDD,Flexi,WLAN ODD vers.: Min:1.2kg/Max:1.29kg	
	int. PSU vers.: Min:1.24sg/Max:1.29kg	
	AC adapt.(0.32kg), power cord(0.175kg) not part of min/max	
Weight (lbs)	Small: Min: 1.89 lbs / Max: 2.246 lbs	
	ODD version: Min:2.65 lbs / Max:2.84 lbs	
	Int. PSU version: Min:3.2 lbs / Max:5.51 lbs	
	AC adapter (0.71 lbs) and power cord 0.39 lbs) are not part of min/max lbs	
Veight 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 G9013-1 (AC Adapter) ESPRIMO G9013-2 (Internal PSU)	ESPRIMO G9013 ESTAR1 (AC Adapter) ESPRIMO G9013 ESTAR2 (Internal PSU)
Model	MPCG	
Germany	GS TÜV NRTL	
urope	CE	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) Microsoft Secured-core PC certification (for selected configurations)	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) Microsoft Secured-core PC certification (for selected configurations) ENERGY STAR® 8.0 EPEAT® Gold (dedicated regions) in progress TCO Certification in progress
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 preinstalled) Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)	

Additional Software		
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) 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 was acquired.)	
Additional software (notes)	Use of accompanying and/or additional Software is subject to proactive acceptance of the respective License Agreements /EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration.	
Base unit	ESPRIMO G9013 ESTAR	
Security		
Physical Security	Kensington Lock support Eye for padlock	
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 (Windows 11 only) and Legacy Standby selectable Write protect option for the Flash EPROM Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces NIST SP800-147 BIOS Protection supported NIST SP800-155 BIOS Integrity Measurement supported NIST SP800-193 Platform Firmware Resiliency supported	
User Security	User and supervisor BIOS password Hard disk password Access protection via external SmartCard reader (optional)	
Security Notes	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.	
Manageability		
Manageability technology	Intel® vPro® Essentials (optional) Intel® vPro® Enterprise (optional) Intel AMT 16.0 (optional; depending on processor) DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch 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	https://www.fujitsu.com/global/products/computing/pc/manageability/	

Miscellaneous		
	Keyboard on with one key (Fujitsu Keyboards KB521, KB955)	
	Keyboard on with two keys (CTRL+CTRL; special Fujitsu USB keyboards required)	
	Keyboard on with any key (USB)	
	Thermal management Extended lifetime	
Accessories information	Further helpful options	
	Desktop Accessories:	
	http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/	
	http://www.fujitsu.com/global/products/computing/peripheral/accessories/connectivity/	
	Stands and Mounting kits:	
	http://www.fujitsu.com/global/products/computing/peripheral/accessories/desktop/ums/index.html Available Adapters: http://globalsp.ts.fujitsu.com/dmsp/Publications/public/pos-connectivity.pdf	
Packaging information		
Packaging dimension (mm)	395 x 198 x 284 mm	
Packaging dimension (inch)	15.55 x 7.8 x 11.18 inch	
Max. quantity / pallet	42	
Material - Weight (g) Carton	830 g	
Material - Weight (lbs) Carton	1.83 lbs	
Material - Weight (g) PE	15 g	
Material - Weight (lbs) PE	0.03 lbs	
Packaging notes	If keyboard is included in packaging: 1.)packaging dimension is increasing to: 497 x 206 x 293mm / (19.6 x 8.11 x 11.5 inch);	
	2.) material weight is increasing to: carton 1025g, PE 15g	
	Internal PSU version:	
	the material weigth is: carton 638g (wo KB)/ 833g (w. KB), PE 93g printed user documentation is bleached in chlorin free process;	
	Bulk packaging for projects (optional)	
Warranty		
Warranty period	3 years	
Warranty type	Bring-In / Onsite Service (depending on country)	
Warranty Terms & Conditions	http://www.fujitsu.com/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 - the perfect extension	product, please directly refer to the support websites of the respective software manufacturer.	
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/	
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/	

Recommended Accessories

Mounting Kit for Height Adjustable Fujitsu Displays - up to 11th Gen. Display (2022)



The Fujitsu Mounting Kit for Height Adjustable Fujitsu Displays has been specifically (2022) designed for use with ESPRIMO Q/G Mini PCs, FUTRO Thin Clients and Fujitsu Displays. With this solution you can save space on the desk, reduce clutter on desk and realize a clean desk working environment.

Order Code: FPCSK834GP

Mounting Kit for Height Adjustable Fujitsu Displays - up to 10th Gen. Display



The Fujitsu Mounting Kit for Height Adjustable Fujitsu Displays has been specifically designed for use with ESPRIMO Q/G Mini PCs, FUTRO Thin Clients and Fujitsu Displays. With this solution you can save space on the desk, reduce clutter on desk and realize a clean desk working environment.

Order Code: S26361-F2542-L452

Universal Monitor Stand



Save desk space without compromising productivity with the Universal Monitor Stand that brings together a Desktop ESPRIMO Mini PC (G Series Small and ODD plus Q Series) or Thin Client FUTRO and a VESA compatible Fujitsu Display. For optimum ergonomics the height and tilt angle of the display can be adjusted, whilst hassle-free installation of the devices on the stand makes the life of your IT department easier.

Order Code: S26361-F2601-L700

More information

Fujitsu products, solutions & services

In addition to Fujitsu Desktop ESPRIMO G9013, 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 G9013, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/emeia/products/computing/pc/desktops/

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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Disclaimer

Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering.

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The overall product has been designed and manufactured for general office use, regular personal use and ordinary industrial use.

Contact

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