Fujitsu recommends Windows 10 Pro for business.



Data Sheet FUJITSU Desktop ESPRIMO K5010/24

Ready to use in the blink of an eye

The FUJITSU ESPRIMO K5010/24 All-in-One Desktop PC supports the budget-driven, modern workplace: streamlined workspace, reduced complexity, with no compromise in performance. This all-rounder comes with the 10th Gen Intel® Core™ processors and the latest interfaces in a compact, all-in-one design. For ergonomic comfort, it features a 60.5 cm (23.8-inch) anti-glare, three side frameless display, wide viewing angles, height adjustment and front I/Os.

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Excellent Performance and Energy Efficiency

Best-in-class regarding low power consumption combined with new levels of performance

■ 10th Gen Intel® Core™ processor family, fast NVMe M2. drive and 2.5" drive and a power supply with high efficiency

Human-Centric Setup

Tidy and convenient desk with ergonomic working position to help enhance working experience and efficiency

 60.5 cm (23.8-inch) anti-glare Full HD display with 3 sides' frameless display with wide viewing angles, silent PC, easy access to front I/Os including brightness control; wall mount via VESA Standard



Ultimate usability and ergonomic comfort

Height adjustable stand for fulfilling ergonomic requirement in new office environment

- Easy to access and flexible interfaces, microphone and camera option for instant office communication and anytime USB charge functionality in front which supports up to 15W power supply
- Flexible height adjustment, screen with a large swivel range (340 degree) and tilt (0-20°), front audio and USB for easy access and space saving on the sides

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

Security to satisfy enterprise needs

Designed to protect data and hardware components against manipulation and theft

- Webcam hidden behind display, latest Trusted Platform Module (TPM) controller,
- Fujitsu Authconductor software, full disk encryption and system-level passwords, SmartCard reader and EraseDisk

Components

Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home
Operating system notes	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.
Processor	Intel® Core™ i7-10700T processor (8 Cores / 16 Threads, 2.00 GHz, 16 MB, Intel® UHD Graphics 630) **
	Intel® Core™ i5-10600 processor (6 Cores / 12 Threads, 3.30 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™ i3-10100 processor (4 Cores / 8 Threads, 3.60 GHz, 6 MB, Intel® UHD Graphics 630) *
	Intel® Celeron® processor G5905 (2 Cores / 2 Threads, 3.50 GHz, 4 MB, Intel® UHD Graphics 610)
	Intel® Pentium® Gold G6400 (2 Cores / 4 Threads, 4.00 GHz, 4 MB, Intel® UHD Graphics 610)
	*with Intel® Turbo Boost Technology 2.0 (clock speed and performance will vary depending on workload and other variables)
Display	
Stand	Stand is removable. If only VESA mounting is required, the stand is just an option.
Height adjust range	134 mm
Tilt angle	0° / 20°
Swivel angle	+/-170° (340°)
Screen Surface Treatment	Anti-glare
Contrast - advanced	1000:1
Response time typical	14 ms
Viewing angle (h/v) - typical	178°/178° CR10:1
Color performance	16.7 million colors
Brightness - typical	250 cd/m2
Aspect ratio	16:9
Diagonal Size	60.5 cm (23.8-inch)
Resolution (native)	1,920 x 1,080 pixel
Ethernet (RJ-45)	1
Memory modules	4 GB (1 module(s) 4 GB) DDR4, unbuffered, non-ECC, 2,933 MT/s, SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, unbuffered, non-ECC, 2,933 MT/s, SO DIMM
	16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,933 MT/s, SO DIMM
	32 GB (1 module(s) 32 GB) DDR4, unbuffered, non-ECC, 2,933 MT/s, SO DIMM
Mass storage 2.5 inch size	SSD SATA III, 512 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch
Mass Storage M.2 technology	SSD PCIe, 1024 GB M.2 NVMe module, SED
	SSD PCIe, 1024 GB M.2 NVMe module
	SSD PCIe, 512 GB M.2 NVMe module, SED
	SSD PCIe, 512 GB M.2 NVMe module
	SSD PCIe, 256 GB M.2 NVMe module, SED
	SSD PCIe, 256 GB M.2 NVMe module
	SSD PCIe, 128 GB M.2 NVMe module

Mass storage 2.5 inch size	HDD SATA III, 5,400 rpm, 2000 GB, 2.5-inch
	HDD SATA III, 5,400 rpm, 1000 GB, 2.5-inch
	HDD SATA III, 5,400 rpm, 500 GB, 2.5-inch
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. SSD (Solid State Disk) SED (Self-Encrypting Drive)
Drives (optional)	BD Triple Writer SATA ultra slim (tray)
	DVD Super Multi ultra slim (tray)
Interface add on cards/components (optional)	
	L-L-I® MILTIC AV200 I Dl L-L-L T 1 / J-J: - L-J

Intel® WI-FI 6 AX200 and Bluetooth 5.1 (dedicated regions only)

Base unit

Base unit	ESPRIMO K5010/24
Mainboard	
Mainboard type	D3774
Formfactor	proprietary
Chipset	Intel® H410
Processor socket	LGA 1200
Processor quantity maximum	1
Supported capacity RAM (max.)	64 GB
Memory slots	2 DIMM (DDR4)
Memory frequency	2,933 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. 2933 MHz may be clocked down to 2400MHz depending on processor and memory configuration
LAN	10/100/1,000 MBit/s Realtek RTL8111H
Integrated WLAN	optional; Intel® Wi-Fi 6 AX200 (2x2/160) Gig+ and Bluetooth 5.1
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 ALC255
Audio features	High Definition audio, Internal stereo speakers, Optional: Internal high quality stereo speakers
I/O controller on board	
Serial ATA total	2
thereof SATA III	2
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI
Interfaces	
Audio: line-out / headphone	1
Audio: line-in / microphone	1
Front audio: headset	1
Internal microphones	optional with multimedia module (camera and microphone)
USB 2.0 total	3
USB 3.1 Gen1 (USB 3.0) total	4

Interfaces USB from		
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Related Processors for noise Intel® Core™ i5-10600T processor	Noise emission	
	Related Processors for noise	Intel® Core™ i5-10600T processor

Noise emission	0.CD ODD Windows 10
Standard noise emission	8 GB, ODD, Windows 10 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))
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	543 x 95 x 337 mm
•	21.4 x 3.74 x 13.3 inch
Dimension notes	Dimensions for display only (without stand); Dimensions with stand are: 543 x 253x 377 mm (lowest position) up to 543 mm (highest position)
Operating position	Vertical with stand or VESA mounted
VESA mount	integrated (100 mm)
Weight	app. 10.2 kg
Weight (lbs)	224.9 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 K5010/24
Model	AI020
Germany	GS (planned)
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) ENERGY STAR® in progress EPEAT® in progress (dedicated regions)
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.)
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

Manageability	
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
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 (Windows 10, v. 1809; requires 8 GB or more system RAM and SSD PCIe NVME) 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)
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
Serviceability	
	EasyChange for HDD EasyChange for optical drives
Packaging information	
Packaging notes	printed user documentation is bleached in chlorine free process
Warranty	
Warranty period	1 year
Warranty type	Bring-In / Onsite Service (depending on country)
Warranty Terms & Conditions Product Support Services - the per	http://www.fujitsu.com/warranty <mark>fect extension</mark>
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

More information

Fujitsu products, solutions & services

In addition to FUJITSU Desktop ESPRIMO K5010/24, 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 K5010/24, 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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