HP EliteDesk 705 G5 Desktop Mini PC (8MU19UT)

Overview

Power and versatility in an enterprise-class AMD-based Mini

Experience our most powerful AMD based USFF business-class desktop PC. The high-performance HP EliteDesk 705 Desktop Mini has built-in security and manageability in a compact design that fits your modern workplace.
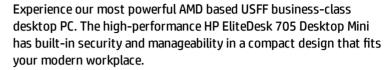
A Mini PC in size only

Tackle demanding challenges with an AMD Ryzen™ PRO processor[4] and high-capacity storage.

Enhanced data and device security

Get a highly secure PC reinforced by the full HP security suite. Store and lock your Mini and power cord in the optional HP Lock Box. [5] Make device management easy with AMD DASH and support for KVM (BIOS).

Build a universe around your Mini

Expand your experience with optional HP Mini accessories[5] that simplify mounting[11] and securing your device. Save space by attaching your Mini behind an HP EliteDisplay.[9] Streamline cabling with USB-C™ and optional HP Power Supply Holder.[5]

Features

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.[3]

HP Sure Sense

Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

Protect critical security processes

Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.

Recovery simplified

Advanced malware attacks can destroy your OS and disrupt your business. HP Sure Recover Gen2 ensures fast, secure, and automated recovery of your OS with only a network connection, so you can minimize downtime and get back to business fast.[6]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.[7]

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[4] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[5] Sold separately or as a configurable option.

[9] Display sold separately. See display data sheet on hp.com for mounting bracket guidance.

[11] Mounting hardware sold separately.

[3] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[6] Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[7] HP Sure Click supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

Specifications

Form factor	Mini
Operating system	Windows 10 Pro 64
Processor family	AMD Athlon™ PRO processor
Processor	AMD Athlon™ PRO 300GE APU Dual-Core with Radeon™ Vega 3 Graphics (3.4 GHz base clock, 5 MB cache)[6,7]
Chipset	AMD PRO 560
Memory	8 GB DDR4-2666 SDRAM (1 X 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Discrete
Graphics (integrated)	AMD Radeon™ Vega 3 Graphics
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Minimum dimensions (W x D x H)	6.96 x 6.88 x 1.33 in
Weight	1.26 kg *(Exact weight depends on configuration.)*
Weight	2.77 lb *(Exact weight depends on configuration.)*
Keyboard	HP USB Business Slim Keyboard
Pointing device	HP USB Optical Mouse
Ports	1 headphone; 1 headset connector; 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Type-C™ Gen 2 (charging)
Expansion slots	1 M.2 2230; 2 M.2 2230/2280 *(1 M.2 slot for WLAN and 2 M.2 2230/2280 slots for storage.)*
Ports	1 external antenna connector; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 4 USB 3.1 Gen 1
Ports	1 DisplayPort™ 1.2
Package dimensions (W x D x H)	49.7 x 12.8 x 22.3 cm
Package weight	2.95 kg
Network interface	Intel® Wi-Fi 6 AX200 and Bluetooth® 5 Combo, non-vPro™
Network interface type	WLAN
Network interface type	LAN
Network interface	Realtek RTL8111EPH GbE
Power	65 W external power adapter[31]
Energy efficiency	ENERGY STAR® certified

Energy star certified	ENERGY STAR®
Management features	AMD DASH technology capable; HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Image Assistant Gen 4; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 3; HP System Software Manager (download); Ivanti Management Suite[20,21,22,23,37]
Environmental	Low halogen
Security management	DriveLock; Hood sensor; HP BIOSphere Gen5; HP Client Security Suite Gen 5; HP Power On Authentication; HP Secure Erase; HP Sure Click; HP Sure Recover Gen2; HP Sure Run Gen2; HP Sure Sense; HP Sure Start for AMD; Master Boot Record Security; Power-on password (via BIOS); Pre-boot Authentication; RAID configurations; SATA port disablement (via BIOS); Serial enable/disable (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); USB enable/disable and boot control (via BIOS); Windows Defender[24,25,26,27,28,29,30]
Software	Absolute Persistence module; Buy Office (sold separately); HP Hotkey Support; HP JumpStarts; HP Noise Cancellation Software; HP Support Assistant[18,19]
UPC number	194441434590
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Includes free 24/7 telephone support. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information about HP in the countries	hp.com
Datasheet photo 1	Publication photos/Riker_1.jpg
Datasheet photo 2	Publication photos/AMS Care Pack Blue.jpg
Datasheet photo 3	Publication photos/Riker_3.jpg
Datasheet photo 4	Publication photos/Riker_4.jpg
Datasheet photo 5	Publication photos/Riker_5.jpg
Datasheet publication number	4AA7-6214
External I/O ports footnote number	[6,9,10,11,12,13,36]
Graphic card footnote number	[14,15,39]
I/O Port location	Rear
I/O Port location	Front
Legal tagline	HP recommends Windows 10 Pro for business
MDA key selling point	Windows 10 Pro or other operating systems available
Memory and storage	8 GB memory; 256 GB SSD storage
Operating humidity range	10 to 90% RH
Operating temperature range	10 to 35℃
Operating temperature range	50 to 95℉
Package dimensions (W x D x H)	19.56 x 5.03 x 8.77 in
Package weight	6.49 lb
Processor speed	3.4 GHz
Product brand name	HP
Quickspec	http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06411995
Service description	Additional Services (Not included)
Services (Care Pack)	U7899E - HP 5y NextBusDay Onsite DT Only HW Supp;UE334E - HP 5y Next Business Day Onsite/DMR Desktop Only Support;U9WW0E - 5Y Next Business Day Onsite+ADP+DMR for Business Desktop
Standard memory note	Transfer rates up to 2666 MT/s.
Storage type	SSD
UNSPSC code	43211507

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary

depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[18] Absolute Persistence module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[19] HP Support Assistant: requires Windows and Internet access.

[20] Ivanti Management Suite: subscription required.

[21] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[22] Ivanti Management Suite: subscription required.

[23] AMD DASH support with KVM (BIOS level only).

[24] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[25] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[26] HP Sure Start for AMD is available on select HP PCs with AMD processors. See product specifications for availability.

[27] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[28] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[29] HP Drive Lock is not supported on NVMe drives.

[30] Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[31] 150 W external power adapter, up to 89% efficiency, active PFC: when ordered with a discrete graphics card.

[37] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/document/c05115630.

Business Monitors

EliteDisplays

HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AA
HP E344c 34-inch Curved Monitor	6GJ95AA
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA
HP EliteDisplay E233 23-inch Monitor	1FH46AA
HP EliteDisplay E202 20-inch Monitor	M1F41AA
HP EliteDisplay E273 27-inch Monitor	1FH50AA
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AA
HP EliteDisplay E243i 24-inch Monitor	1FH49AA
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E273q 27-inch Monitor	1FH52A8
HP EliteDisplay E273q 27-inch Monitor	1FH52AA
HP EliteDisplay E243 23.8-inch Monitor	1FH47A8
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA

Healthcare Edition Displays

HP Healthcare Edition HC270cr Clinical Review Monitor	1QW03AA
HP Healthcare Edition HC271p Clinical Review Monitor	3ME71AA
HP Healthcare Edition HC271 Clinical Review Monitor	3ME70AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA
HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA

Z Displays

HP Z23n G2 23-inch Display	1JS06A4
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP DreamColor Z31x Studio Display	Z4Y82A4
HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z24x G2 Display	1JR59A4
HP Z27 27-inch 4K UHD Display	2TB68A4

HP Z24n G2 24-inch Display	1JS09A4
HP Z24i G2 24-inch Display	1JS08A4
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z22n G2 21.5-inch Display	1JS05A4
HP Z24nf G2 23.8-inch Display	1JS07A4
HP Z27n G2 27-inch Display	1JS10A4

Large Format Display

HP LD4312 4K Large Format Display	3XE86AA

Value Displays

HP VH27 27-inch Monitor	2KZ36AA
HP P224 21.5-inch Monitor	5QG34AA
HP P244 23.8-inch Monitor	5QG35AA
HP VH22 22-inch Class Monitor	V9E67AA
HP VH24 23.8-inch Monitor	M1T03AA
HP V14 14-inch Portable Monitor	3TN62A8

Business LCD Monitors

HP P204 19.5-inch Monitor	5RD65AA

ProDisplays

HP Mini-in-One 24 Display	7AX23AA

Point of Sales System Options

POS Display Accessories

HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA
HP L6015tm 15-inch Retail Touch Monitor	A1X78AA
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA

Chassis and Chassis Accessories

Brackets/Bezels/Panels

HP DM VESA Power Supply Holder Kit	1RL87AA
HP B300 Bracket with Power Supply Holder	7DB37AA
HP Dual VESA Sleeve + PWR Supply Holder	7DB36AT
HP DM Power Supply Holder Kit v2	7DB38AT
HP DM Power Supply Holder Kit v2	7DB38AA
HP B300 Bracket with Power Supply Holder	7DB37AT
HP Dual VESA Sleeve + PWR Supply Holder	7DB36AA
HP G4 Mini 2.5-inch SATA Drive Bay Kit	3TK91AA
HP G4 Mini 2.5-inch SATA Drive Bay Kit	3TK91AT
HP DM VESA Power Supply Holder Kit	1RL87AT

Cables/Cable Kits/Cable Adapters

PC Cable Options

HP HDMI Standard Cable	T6F94AA
HP HDMI Standard Cable	T6F94AT

Audio and Video Cables

HP DisplayPort To VGA Adapter	AS615AT
HP DisplayPort to HDMI True 4K Adapter	2JA63AA
HP DisplayPort Cable Kit	VN567AA
HP DisplayPort to DVI-D Adapter	FH973AA
HP DVI to DVI Cable	DC198A
HP DisplayPort to DVI-D Adapter	FH973AT

HP DisplayPort To VGA Adapter	AS615AA
HP (Bulk) 700mm DisplayPort Cable Kit	V8Y77A6

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AT
HP USB PS2 Washable Keyboard and Mouse	BU207AT
HP Wireless Slim Business Keyboard	N3R88AT
HP Wireless Slim Business Keyboard	N3R88AA
HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AA
HP (Bulk) Wireless Business Slim Keyboard and Mouse	N3R88A6
HP USB PS2 Washable Keyboard and Mouse	BU207AA

Keyboards

HP Business Slim Smartcard Keyboard	Z9H48AA
HP Wireless Collaboration Keyboard	Z9N39AA
HP USB Slim Business Keyboard	N3R87AA
HP USB Slim Business Keyboard	N3R87AT
HP USB Collaboration Keyboard	Z9N38AA
HP (Bulk) USB Slim Business Keyboard	N3R87A6
HP USB (Gray) SmartCard CCID Keyboard	J7H70AA
HP PS/2 Slim Business Keyboard	N3R86AA
HP PS/2 (Bu7lk) Slim Business Keyboard	N3R86A6
HP PS/2 Slim Business Keyboard	N3R86AT
HP USB Premium Keyboard	Z9N40AA

Mice

HP Business Mouse Pad	AT485AA
HP USB Grey v2 Mouse	Z9H74AA
HP USB 1000dpi Laser Mouse	QY778AT
HP USB Optical Scroll (Bulk Pack 100) Mouse	QY777A6
HP USB 1000dpi Laser Mouse	QY778AA
HP USB Fingerprint Mouse	4TS44AA
HP USB Optical Scroll Mouse	QY777AA
HP USB Premium Mouse	1JR32AA
HP USB Optical Scroll Mouse	QY777AT

HP Wireless Premium Mouse	1JR31AA

Memory

DDR4 Memory

HP 16GB DDR4-2666 SODIMM	3TK84AT
HP 4GB DDR4-2666 SODIMM	3TK86AA
HP 16GB DDR4-2666 SODIMM	3TK84AA
HP 8GB DDR4-2666 SODIMM	3TK88AA
HP 8GB DDR4-2666 SODIMM	3TK88AT
HP 4GB DDR4-2666 SODIMM	3TK86AT

Security and Protection

PC Locks

HP Master Keyed Cable Lock 10mm	T1A63AA
HP Keyed Cable Lock 10 mm	T1A62AA
HP Desktop Mini LockBox V2	3EJ57AA
HP Desktop Mini LockBox V2	3EJ57AT
HP Dual Head Keyed Cable Lock 10 mm	T1A64AA

Expansion Solution and Controller Cards

Port Adapters

HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AT
HP HDMI Port Flex IO (705)	3TK75AA
HP VGA Port Flex IO	3TK80AT
HP VGA Port Flex IO	3TK80AA
HP DisplayPort Port Flex IO	3TK72AA
HP Internal Serial Port Flex IO	3TK76AA
HP DisplayPort Port Flex IO	3TK72AT
HP Internal Serial Port Flex IO	3TK76AT
HP USB to Serial Port Adapter	J7B60AA
HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AA
HP HDMI Port Flex IO (705)	3TK75AT

PC Modules

PC I/O Modules

HP Desktop Mini I/O Module	K9Q84AT
HP Desktop Mini DVD ODD Module	K9Q83AA
HP Desktop Mini DVD ODD Module	K9Q83AT
HP Desktop Mini 500GB Hard Drive I/O Module	K9Q82AT
HP Desktop Mini 500GB Hard Drive I/O Module	K9Q82AA
HP Desktop Mini I/O Module	K9Q84AA

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

HP UC Speaker Phone Mounting Bracket	T4E62AA
HP B500 PC Mounting Bracket	2DW52AA
HP Quick Release Bracket 2	6KD15AT
HP Single Monitor Arm	BT861AT
HP Single Monitor Arm	BT861AA
HP Desktop Mini Security/Dual VESA Sleeve v2	2JA32AA
HP Quick Release Bracket 2	6KD15AA
HP Desktop Mini Security/Dual VESA Sleeve v2	2JA32AT
HP B300 PC Mounting Bracket	2DW53AA

PC Server Rack and Power Options

HP Desktop Mini Rack Mount Tray Kit Module	G1K21AA

Batteries/Chargers/Adapters

Power Supplies

HP Desktop Mini 90w Power Supply Kit	L4R65AA
HP Desktop Mini 65w Power Supply Kit	L2X04AA

Cabinets and Stands

PC Stands

HP Desktop Mini Chassis Tower Stand	G1K23AA

Cases and Covers

Covers

HP Desktop Mini G3 Port Cover Kit	1ZE52AT
HP Desktop Mini G3 Port Cover Kit	1ZE52AA

PC Drives and Storage

PC Solid State Drives

HP TLC 256 GB SATA SSD	P1N68AA
HP TLC 256 GB SATA SSD	P1N68AT
HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

Audio/Multimedia and Communication Devices

Speakers

HP S101 Speaker Bar	5UU40AA

Headsets

HP Business Headset v2	T4E61AA
HP Business Headset v2	T4E61AT

Phones

HP UC Speaker Phone	4VW02AA

Application Software

Desktop Application Software

Microsoft Office 365 Personal 6MW79AA	6MW79AA
Microsoft Office 365 Business Premium	6MW80AA
MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA
Microsoft Office 365 Home 6MW78AA	6MW78AA
Microsoft Office Home and Student 2019 for PC	6MW81AA

HP Care Pack Services

Personal Systems Hardware Support Onsite Service

HP 4 year Next Business Day Onsite Hardware Support for Desktops	U7897E
HP 5 year Next Business Day Onsite Hardware Support for Desktops	U7899E
HP 5 year Next Business Day Onsite Hardware Support for Desktops	U7899E
HP 4 year Next Business Day Onsite Hardware Support for Desktops (promo)	HN788E
HP 3 year Next Business Day Onsite HW Support w/Opt Customer Self Repair for Desktops/Workstations	UE379E
HP 5 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Desktops	UE334E
HP 4 year Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Desktops	U0A85E
HP 4 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Desktops	UE333E
HP 1 year Post Warranty Next Business Day Onsite Hardware Support for Desktops	U5864PE
HP 4 year Next Business Day Onsite Hardware Support w/ADP-G2/DMR for 4xx/6xx/7xx/8xx/Slice Desktops	U9WV9E
HP 5 year Next Business Day Onsite Hardware Support w/ADP-G2/DMR for 4xx/6xx/7xx/8xx/Slice Desktops	U9WW0E
HP 3 year Next Business Day Onsite Hardware Support w/ADP-G2/DMR for 4xx/6xx/7xx/8xx/Slice Desktops	U9WV8E
HP 5 year Next Business Day Onsite Hardware Support for Desktops (promo)	HN789E
HP 5 yr Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Desktops	UF236E
HP 1 yr Post Warranty Next Business Day Onsite HW Support w/Defective Media Retention for Desktops	HP710PE
HP 4 year Next Business Day Onsite Hardware Support for Desktops	U7897E
HP 3 year Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Desktops	U0A84E
HP 3 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Desktops	UE332E

Personal Systems Commercial Care Pack Services

HP 3 Year OperatingSystemRestoration/DataRecovery/SoftwareSupport 6calls-Hardware Onsite OnlyService	U9AN7E
HP 3 year Hard Disk Data Recovery 9x5 Support for PCs	UE372E

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