



HP Elite EliteDesk 8 Tower G1i AI Intel Core Ultra 7 265 32 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Black

Brand : HP

Product family: Elite

Product code: C31QMUC#ABA

Product name : EliteDesk 8
Tower G1i AI

- Windows 11 Pro
- Intel Core Ultra 7 265 (30MB Cache)
- 32GB DDR5-SDRAM (1 x 32) & 512GB SSD
Intel Core Ultra 7 265 (30MB Cache), 32GB DDR5-SDRAM, 512GB SSD, DVD-RW, Intel Graphics, LAN,
WLAN, Bluetooth, Windows 11 Pro

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The elegant scalable tower for AI-enhanced computing.

Unleash AI-driven power with the HP EliteDesk 8 Tower G1i AI PC, featuring a powerful Intel® Core™ Ultra processor with an integrated 13 TOPS NPU. Elevate your security, expandability, and PC design to new heights — perfect for dynamic, modern workspaces.

HP Elite EliteDesk 8 Tower G1i AI. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD-RW. On-board graphics card model: Intel® Graphics. Wi-Fi. Operating system installed: Windows 11 Pro. Power supply: 280 W. Chassis type: Tower. Product type: PC. Weight: 6.22 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7	WLAN controller manufacturer	Intel
Processor generation	Intel Core Ultra (Series 2)	WLAN controller model	Intel Wi-Fi 7 BE200
Processor model *	265	Antenna type	2x2
Processor cores	20	Bluetooth	✓
Processor threads	20	Bluetooth version	5.4
Processor boost frequency	5.3 GHz	Ports & interfaces	
Performance cores	8	USB 2.0 ports quantity *	3
Efficient cores	12	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Efficient-core Max Turbo Frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor cache	30 MB	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor cache type	Smart Cache	DisplayPorts quantity	2
Processor socket	LGA 1851 (Socket V1)	DisplayPort version	2.1
Processor base power	65 W	HDMI ports quantity *	1
Maximum turbo power	182 W	HDMI version	2.1
Neural processor unit (NPU)		Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)	Intel AI Boost	Combo headphone/mic port	✓
Total processor performance up to	33 TOPs	Line-out	✓
NPU performance up to	13 TOPs	Line-in	✓
GPU performance up to	8 TOPs	Expansion slots	
Memory		Number of 3.5" bays	2
Internal memory *	32 GB	PCI Express x16 (Gen 4.x) slots	2
Maximum internal memory *	128 GB	Power	
Internal memory type	DDR5-SDRAM	Power supply *	280 W
Memory layout (slots x size)	1 x 32 GB	Design	
Memory slots	4x DIMM	Chassis type *	Tower
Memory data transfer rate	5600 MT/s	Product colour *	Black
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Software	
Optical drive type *	DVD-RW	Operating system installed *	Windows 11 Pro
Number of storage drives installed	1	Display	
Total SSDs capacity	512 GB	Display included *	✗
Number of SSDs installed	1	Brand-specific features	
SSD capacity	512 GB	HP Support Assistant	✓
SSD interface	PCI Express 4.0	HP Documentation	✓
NVMe	✓	HP segment	Business
SSD form factor	M.2	Audio	
Graphics		Audio chip	Realtek ALC3252
Discrete graphics card *	✗	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	10 - 35 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width *	337 mm
On-board graphics card model *	Intel® Graphics	Depth *	308 mm
Performance		Height *	155 mm
Market positioning	Premium	Weight *	6.22 kg
Motherboard chipset	Intel® Q870	Packaging data	
Password protection	✓	Package width	287 mm
Password protection type	BIOS, Power on, User	Package depth	400 mm
Product type *	PC	Package height	499 mm
Network		Package weight	8.38 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard included	✓
Wi-Fi *	✓	Sustainability	
		Sustainability certificates	ENERGY STAR



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