

CF8S5EA

HP Elitebook 8 G1i 13 Core Ultra 2 Notebook Ultra 5 225U 4.8GHz 32GB 1TB 13.3" WUXGA Intel Graphics BT Win 11 Pro

Product Overview

HP Elitebook 8 G1i 13 Series Core Ultra 2 Series CF8S5EA Silver Notebook, Intel Core Ultra 5 225U Series 2 Twelve (12) Core Arrow Lake Turbo Boost up to 4.8Ghz 12MB L3 Cache Processor (2 Performance Cores & 8 Efficient Cores & 2 Low Power Efficient Cores), 32GB LPDDR5 Memory onboard, Supports 32GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 13.3" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, Intel Graphics, Intel AI Boost 12 TOPS, Wi-Fi 7, Bluetooth, Built in 5G, Webcam, Fingerprint Reader, Backlit Keyboard, 2x Thunderbolt 4 with USB Type-C 40Gbps (USB Power Delivery / DisplayPort 2.1 / HP Sleep / Charge), 1x USB Type-C 10Gbps (DisplayPort 1.4 / HP Sleep / Charge), 1x USB Type-A 5Gbps (powered), HDMI output, 1.3 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty



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Product Specification Sheet



Specifications

Summary Overview:

Upgrade your productivity with the HP EliteBook 8 G1i 13 Series AI PC, now available for purchase in South Africa. This premium business notebook features the powerful Intel Core Ultra 5 processor and a generous 32GB of onboard memory to handle demanding tasks effortlessly. Equipped with Wi-Fi 7 technology and an optional built-in 5G modem, stay connected anywhere without compromise.

Designed for hybrid teams, this Glacier Silver laptop combines sleek portability with robust security features like HP Sure Start and Windows Hello. With a vibrant WUXGA display and all-day battery life, you can work from anywhere with confidence. Secure your high-performance device today by buying now to experience the future of mobile computing.

Laptop performance tier:High-End Business AI PC

Uses:Business applications, hybrid team collaboration, secure data processing, content creation, travel connectivity

Overview:

The HP EliteBook 8 G1i 13 Series AI PC, identified by part number CF8S5EA, represents a pinnacle of mobile productivity designed for modern hybrid teams. This Glacier Silver notebook combines the robust security and management capabilities expected from the EliteBook line with cutting-edge artificial intelligence processing power. Powered by the latest Intel Core Ultra 5 processor from the 2 Series Arrow Lake lineup, it delivers exceptional performance through a sophisticated architecture featuring twelve cores that balance efficiency with raw speed for demanding business applications.

Description

This powerful laptop is tailored for professionals who require reliability and high performance on the go. It comes equipped with substantial onboard memory to ensure smooth multitasking and rapid application loading, paired with a lightning-fast solid-state drive for ample storage space. The device features a vibrant 13.3-inch display that offers clarity in various lighting conditions, while integrated security tools like HP Sure Click protect against digital threats. Enhanced by Intel AI Boost technology, the system intelligently manages tasks to extend battery life and improve responsiveness. Key connectivity options include Wi-Fi 7 for ultra-fast wireless speeds and a built-in 5G modem for reliable internet access anywhere.

Features:

Precision Performance and AI Integration

At the heart of this machine lies the Intel Core Ultra 5 225U processor, engineered to handle complex workflows with ease. The twelve-core configuration includes performance cores, efficient cores, and low-power efficient cores that dynamically adjust to your usage patterns. This intelligent design ensures you get maximum speed when needed while conserving energy during lighter tasks. The integrated Neural Processing Unit (NPU) provides up to 12 TOPS of AI capability, enabling faster summarization, smart content recommendations, and seamless collaboration tools powered by Microsoft Copilot directly within

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Windows.

- Intel Core Ultra 5 225U processor with 12 cores
- Turbo boost speeds up to 4.8 GHz for rapid processing
- 12 MB L3 Cache for improved data access speed
- Intel AI Boost technology delivering 12 TOPS performance
- Microsoft Copilot integration for enhanced productivity

Memory and Storage Configuration

Efficiency is further boosted by the generous onboard memory configuration. This model ships with 32 GB of LPDDR5 memory, providing a robust foundation for running multiple applications simultaneously without slowdowns. The system supports up to 32 GB maximum memory; however, it is important to note that this RAM is soldered directly onto the motherboard. Consequently, there are no user-accessible memory slots for future upgrades, making the initial configuration a permanent part of the machine's capabilities.

Data storage is handled by a high-speed 1TB SSD utilizing PCIe technology in an M.2 2280 form factor. This ensures that boot times are minimized and file transfers occur rapidly. The absence of an optical drive keeps the chassis slim and lightweight, prioritizing solid-state performance over legacy media playback.

- 32 GB LPDDR5 onboard memory
- Maximum supported memory: 32 GB
- No user-upgradeable memory slots
- 1TB SSD Solid State Drive with PCIe interface
- M.2 2280 storage slot architecture

Visual Experience and Display Technology

The visual centerpiece is a 13.3-inch WUXGA display boasting a resolution of 1920 by 1200 pixels. This panel utilizes IPS technology to ensure wide viewing angles and consistent color accuracy, making it ideal for collaboration in meetings or creative work. The screen features an anti-glare finish which significantly reduces reflections, paired with LED backlighting that delivers up to 300 nits of brightness for readability even in well-lit offices.

- 13.3-inch WUXGA (1920 x 1200) resolution
- IPS panel technology for superior viewing angles
- Non-glossy, anti-glare surface treatment
- LED backlighting with 300 nits brightness

Connectivity and Ports

Staying connected is effortless thanks to the inclusion of advanced wireless standards. This unit supports Wi-Fi 7 for next-generation internet speeds, ensuring stable connections even in dense environments. Bluetooth connectivity allows for seamless pairing with peripherals. Notably, this model includes a built-in 5G modem, offering cellular data access independent of local networks. For external devices and displays, the laptop offers a comprehensive array of ports including two Thunderbolt 4 connectors that support USB Power Delivery and DisplayPort 2.1.

- Built-in 5G connectivity for mobile internet
- Wi-Fi 7 support for ultra-fast wireless speeds
- Two Thunderbolt 4 ports with 40 Gbps speed
- One USB Type-C port at 10 Gbps
- HDMI output for external displays

Security and Management Features

Enterprise-grade security is woven into the fabric of this notebook. It includes a fingerprint reader for quick and secure biometric login, along with HP Sure Click to protect against malicious websites and attachments. The system also incorporates hardware-enforced security measures to safeguard sensitive data from ransomware and viruses. Additional management tools allow IT administrators to maintain control over the device fleet efficiently.

- Fingerprint reader for enhanced authentication
- HP Sure Click protection against malware

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- Hardware-enforced security protocols
- Built-in TPM 2.0 security chip

What's in the box

The packaging includes the HP EliteBook 8 G1i 13 Series notebook, a power adapter suitable for charging via USB Type-C, essential documentation and safety guides, and a quick start guide to get you up and running immediately. Ensure you have your own SIM card if you wish to utilize the built-in 5G capabilities.

Specifications:

Available Operating Systems	Windows 11 Pro
	Windows 11 Home - HP recommends Windows 11 Pro for business
	Windows 11 Pro Education
	Windows 11 Home Single Language - HP recommends Windows 11 Pro for business
	Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement)
	FreeDOS
Processor family	Intel Core Ultra 7 processor
	Intel Core Ultra 5 processor
Neural Processing Unit	Intel AI Boost
Product colour	Glacier silver
Maximum memory	64 GB LPDDR5X-8533 MT/s , (Transfer rates up to 7467 MT/s.)
	Onboard memory. Non customer accessible/upgradeable.
Internal storage	M.2 PCIe Gen4x4 NVMe M.2 SSD TLC
Display size (diagonal, metric)	33.8 cm (13.3")
Display	33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease , 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 62.5% sRGB , 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease , 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Available Graphics	Integrated: Intel Graphics
	(Support HD decode, DX12, HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
	2 Thunderbolt 4 with USB Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 2.1, HP Sleep and Charge) , 1 USB Type-C 10Gbps
	signaling rate (USB Power Delivery, DisplayPort 1.4, HP Sleep and Charge) , 1 HDMI 2.1 , 1 stereo headphone/microphone combo jack , 1 USB Type-
Ports and connectors	A 5Gbps signaling rate (powered)
	(HDMI cable sold separately.)
	Optional Ports: 1 Smartcard reader (optional)
Input devices	HP Premium Keyboard - spill resistant, optional backlit keyboard with drain and DuraKeys51 , Clickpad with multi-touch gesture support , Microsoft Precision Touchpad , HP Sure Platform , Thermal sensor , HP Tamper Lock , Hall effect sensor , Color sensor with Ambient light 32 , Ambient light sensor

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Communications	(Compatible with Miracast-certified 10)
	Intel Wi-Fi 6E AX211 (2x2) and Bluetooth 5.3 wireless card, vPro , Intel Wi-Fi 6E AX211 (2x2) and Bluetooth 5.3 wireless card, non-vPro , Intel Wi- Fi 7 BE201 (2x2) and Bluetooth 5.4 wireless card, vPro , Intel Wi-Fi 7 BE201 (2x2) and Bluetooth 5.4 wireless card, non-vPro
	Qualcomm 9205 LTE Cat-M1 , HP 5000 5G Solution , HP 4G LTE Advanced Pro Cat 16 WWAN eSIM
	NFC Mirage WNC XRAV-1
Camera	5 MP camera , 5 MP IR camera (select models)
Software	Buy Microsoft Office (sold separately) , HP Connection Optimizer , HP Hotkey support , HP MAC Address Manager , HP Notifications , HP UEFI BIOS Certification level 2.7B , HP PC Hardware Diagnostics Windows , HP Privacy Settings , HP Services Scan , HP Smart Support , HP Support Assistant , myHP , HSA Fusion for Commercial , HSA Telemetry for Commercial , Poly Lens , Poly Camera Pro , Copilot in Windows with Copilot key
Security management	HP Tamper Lock , Secured-Core PC Enable , Windows Hello Enhanced Sign-in Security (ESS) Enable , HP Sure Admin , HP Sure Click , HP Sure Recover , HP Sure Run , HP Sure Sense , HP Sure Start , TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified) , Absolute Persistence Module , Audio Permanent Disable , HP BIOS Recovery , BIOS Update via Network , HP BIOSphere Gen6 , HP DriveLock and Automatic DriveLock , HP Secure Erase , HP Wake on WLAN , Security lock slot
Security Software Licenses	HP Wolf Pro Security Edition
Fingerprint reader	Fingerprint sensor (select models)
Management features	HP Client Catalog (download) , HP Client Management Script Library (download) , HP Cloud Recovery , HP Connect for Microsoft Endpoint Manager , HP Driver Packs (download) , HP Image Assistant (download) ²⁹ , HP Manageability Integration Kit (download) , HP Power Manager with Battery Health Manager (download)
Memory card device	1 nano SIM (optional)
Power	HP 65 W USB Type-C slim adapter , 65 W USB Type-C adapter , HP 100 W USB Type-C slim adapter , HP 65 W USB Type-C Halogen- free adapter , HP 65 W USB Type-C GaN slim power adapter
Battery type	HP Long Life 3-cell, 62 Wh Li-ion
	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Battery life	Up to 18 hours and 45 minutes
Dimensions	30.18 x 21.49 x 1.17 cm (front) , 30.18 x 21.49 x 1.55 cm (rear) , (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)
Weight	Starting at 1.29 kg , (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT registered configurations available , TCO Certified , EPEAT Gold registered in the U.S.
Energy star certified	ENERGY STAR certified
Certification and compliance	CE , GS Mark , CSA/UL 62368-1 , FCC/ICES/CISPR/VCCI , CE Marking , China CCC/SRRC , Taiwan BSMI/NCC , Korea KCC/KC/KES , Ukraine NSoC/TEC , EAEU Compliance , Saudi Arabian Compliance , Low blue light , WW RoHS , MIL-STD 810H
Sustainable impact specifications	Low halogen , Bulk packaging available , 50% post-consumer recycled plastic , 50% ocean-bound plastic , 80% recycled metal , 100% of HP paper-based packaging is from recycled or certified sustainable sources , Product Carbon Footprint

FAQ

Can I upgrade the memory on this laptop?

No, the 32GB LPDDR5 memory is soldered onboard with no available slots for upgrades.

Does this model include built-in cellular connectivity?

Yes, it features a built-in 5G solution and supports optional LTE Advanced Pro and Wi-Fi 7 for reliable connections in dense environments.

Is the storage drive user-replaceable or expandable?

The device comes with a 1TB PCIe SSD; while there is an M.2 slot available, users should note that memory upgrades are not possible due to the onboard design.

How secure is this notebook for business use?

This HP EliteBook includes extensive security features such as HP Sure Click, TPM 2.0, and a fingerprint reader to protect against malware and unauthorized access.

Does the battery support fast charging, and how long does it last?

The internal battery offers up to 18 hours and 45 minutes of life and supports fast charging to reach 50% in just 30 minutes.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/Buy-Notebooks-Laptops-CF8S5EA-HP-Elitebook-8-G1i-13-lp-340837.php>

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