

CK2J8ES

HP ZBook Fury G1i 18 Core Ultra 2 Workstation Notebook Ultra 9 285HX 5.4GHz 32GB 1TB 18"
WQXGA RTX Pro 3000 12GB BT Win 11 Pro

Product Overview

HP ZBook Fury G1i 18 Series Core Ultra Series 2 CK2J8ES Grey Workstation Notebook, Intel Core Ultra 9 285HX Series 2 TwentyFour (24) Core Arrow Lake Turbo Boost up to 5.4Ghz 36MB L3 Cache Processor (8 Performance Cores & 16 Efficient Cores), 32GB DDR5-5600 SO-Dimm Memory (1x32GB), Supports 128GB Max Mem, 4 Memory slots, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 18" WQXGA (2560 x 1600 resolution) Non Gloss Type IPS, 500nits, 165Hz LED Backlit Display, nVidia RTX Pro 3000 12GB dedicated graphics, Intel AI Boost 13 TOPS, Wi-Fi 7, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 8 cell battery, Fingerprint Reader, Backlit Keyboard, Full Size Keyboard with Numpad, 2x Thunderbolt 5 with USB Type-C 80 Gbps (USB Power Delivery / DisplayPort 2.1), 1x USB Type-A 10Gbps, 1x Thunderbolt 4 with USB Type-C 40Gbps (USB Power Delivery / DisplayPort 2.1), HDMI output, 3.5 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty





Specifications

Summary Overview:

Experience exceptional performance and versatility with the HP ZBook Fury G1i 18-inch mobile workstation. Designed for creative professionals and AI developers, this powerful workstation features an Intel Core Ultra 9 processor, 32GB of DDR5 memory, and a 1TB PCIe SSD. Its NVIDIA RTX Pro 3000 graphics and 18-inch WQXGA display deliver sharp visuals and smooth performance for intensive workflows. Buy now to upgrade your professional computing experience in South Africa.

Customers praise this workstation for its reliability and speed, particularly among engineers, designers, video editors, and AI developers. Users report seamless multitasking and excellent rendering performance, making it ideal for both high-demand office tasks and creative projects.

Laptop performance tier:High-end professional workstation

Uses:3D rendering, AI development, video editing, data analysis, multitasking, professional design, simulation tasks

Overview:

HP ZBook Fury G1i 18-Inch Mobile Workstation Notebook

Experience unmatched performance and versatility with the HP ZBook Fury G1i 18-inch workstation, designed for professionals who demand desktop-class power in a portable form factor. This high-end mobile workstation is ideal for AI development, 3D rendering, video editing, and other intensive workflows.

Powerful Performance with Intel Core Ultra Processor

Equipped with an Intel Core Ultra 9 285HX Series 2 processor featuring 24 cores (8 performance cores and 16 efficient cores) and Turbo Boost up to 5.4GHz, the HP ZBook Fury delivers blazing speed for demanding applications. With 36MB of L3 cache, this workstation handles complex multitasking and large datasets effortlessly.

- Supports up to 128GB DDR5 memory across four slots (32GB included)
- 1TB PCIe M.2 SSD for lightning-fast storage
- Desktop-class CPU performance in a mobile workstation

Features:

Stunning 18-Inch WQXGA Display

The 18-inch WQXGA (2560 x 1600) IPS display with 500 nits brightness and 165Hz refresh rate ensures sharp visuals and smooth motion, making it perfect for creative professionals, designers, and video editors. Its anti-glare panel reduces eye strain while providing true-to-life colors.

Pro-Level Graphics and AI Acceleration

The HP ZBook Fury features an NVIDIA RTX Pro 3000 12GB dedicated graphics card, offering superior performance for 3D

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modeling, AI workflows, and complex simulations. Integrated Intel AI Boost provides up to 13 TOPS, accelerating machine learning model inferencing directly on the workstation.

Seamless Multitasking and Workflow Management

Designed for heavy multitasking, the workstation's advanced thermal technology keeps it cool under pressure, allowing you to run multiple intensive applications simultaneously. Analyze data, render videos, and train AI models without compromise.

Expandable and Upgrade-Ready

With tool-free access to components, upgrading memory or storage is effortless. Connect all your essential peripherals via an extensive port selection:

- 2x Thunderbolt 5 (USB-C, 80Gbps, DisplayPort 2.1)
- 1x Thunderbolt 4 (USB-C, 40Gbps)
- 1x USB Type-A 10Gbps
- HDMI output, Gigabit Ethernet, Wi-Fi 7, Bluetooth

Enhanced Security and Productivity Features

Stay productive and secure with features including:

- Fingerprint reader for secure login
- Full-size backlit keyboard with numeric keypad
- HD webcam for video conferencing
- Long-lasting 8-cell battery

Built for Sustainability

HP is committed to reducing environmental impact. The ZBook Fury is EPEAT Gold registered, and its packaging is made from 100% sustainably sourced materials, helping you work smarter and greener.

Ready for Windows 11 Pro

Pre-installed with Windows 11 Professional, this mobile workstation is optimized for business use, providing security, productivity, and compatibility with professional software.

Upgrade your professional workflow with the HP ZBook Fury G1i 18-inch workstation-where desktop-class power meets mobility, AI acceleration, and sustainable design.

Specifications:

Available Operating Systems	Windows 11 Pro
	Windows 11 Home - HP recommends Windows 11 Pro for business
	Windows 11 Home Single Language - HP recommends Windows 11 Pro for business , Ubuntu 24.04 LTS
	FreeDOS 3.0
	Ubuntu 24.04 LTS
Processor family	Intel Core Ultra 9 processor , Intel Core Ultra 7 processor
Neural Processing Unit	Intel AI Boost
Chipset	Intel WM890
Product colour	Meteor silver
Maximum memory	128 GB DDR5-5600 MT/s ECC , 192 GB DDR5-5600 MT/s non-ECC 7,26
	Transfer rates up to 5600 MT/s.
Memory slots	4 SODIMM , supports dual channel

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Internal storage	512 GB up to 4 TB PCIe Gen4 x4 NVMe M.2 2280 TLC SSD
	1 TB up to 2 TB PCIe Gen4 x4 NVMe M.2 2280 TLC SED OPAL 2 SSD
	1 TB up to 2 TB PCIe Gen5 x4 NVMe M.2 2280 SSD
	512 GB up to 2 TB Citadel PCIe-3x4 NVMe M.2 2280 TLC SED OPAL2 FIPS SSD
Display size (diagonal)	18"
Display size (diagonal, metric)	45.7 cm (18")
Available Displays (Imperial)	18" diagonal, WQXGA (2560 x 1600), anti-glare, UWVA, LED, 500 nits, eDP 1.4 + PSR2, 165Hz, flat LCD Panel, 100% DCI-P3
Available Displays (Metric)	45.7 cm (18") diagonal, WQXGA (2560 x 1600), anti-glare, UWVA, LED, 500 nits, eDP 1.4 + PSR2, 165Hz, flat LCD Panel, 100% DCI-P3
Available Graphics	Integrated:
	Intel Graphics
	Discrete:
	NVIDIA RTX Pro 1000 Blackwell Generation Laptop GPU (8 GB GDDR7 dedicated)
	NVIDIA RTX Pro 2000 Blackwell Generation Laptop GPU (8 GB GDDR7 dedicated)
	NVIDIA RTX Pro 5000 Blackwell Generation Laptop GPU (24 GB GDDR7 dedicated)
	NVIDIA RTX Pro 3000 Blackwell Generation Laptop GPU (12 GB GDDR7 dedicated)
	NVIDIA RTX Pro 4000 Blackwell Generation Laptop GPU (16 GB GDDR7 dedicated)
	(Discrete graphics options planned to be available at a later date and require factory configuration at the time of hardware purchase.)
Audio	Audio by Poly Studio, 4 integrated stereo speakers (1W/8 ohm per speaker), discrete amplifiers, 2 integrated dual array digital microphones
Memory card device	1 smart card reader (select models)
Ports and connectors	Left side: 1 HDMI 2.1 , 1 SD card reader , 2 Thunderbolt 5 with USB Type-C 80 Gbps signaling rate (USB Power Delivery, DisplayPort 2.1)
	Right side: 1 USB Type-A 10Gbps signaling rate , 1 headphone/microphone combo , 1 RJ-45 , 1 Thunderbolt 4 with USB Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 2.1)
Keyboard	HP Lumen RGB Z Keyboard, quietKey, spill-resistant, extra large 3 button track pad, backlight keyboard and DuraKey
Mouse	Clickpad with multi-touch gesture support, taps enabled as default
Communications	WLAN: Intel Wi-Fi 7 BE200 (2x2) and Bluetooth 5.4 wireless card, vPro , Intel Wi-Fi 7 BE200 (2x2) and Bluetooth 5.4 wireless card
	WWAN: Qualcomm 9205 LTE Cat-M1 , HP Kavalan R15 5G
Camera	IR Camera (optional) , 5 MP camera
Software	HP MAC Address Manager , Copilot in Windows with Copilot key , HSA Telemetry for Commercial , HP Support Assistant , HP Smart Support , HP Connection Optimizer , myHP , HP UEFI BIOS Certification level 2.7B , Poly Camera Pro , HP PC Hardware Diagnostics Windows , HP Privacy Settings , Poly Lens , Edge Customization , HP Services Scan , HP Notifications

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Security management	HP Tamper Lock (select models) , HP Sure Click , HP Secure Erase , Windows Hello Enhanced Sign-in Security (ESS) Enable , HP Sure Sense , HP BIOSphere , HP Sure Start , Absolute Persistence Module , HP Wake on WLAN , BIOS Update via Network , HP Sure Run , Audio Permanent Disable , HP Sure Recover , Secured-core PC capable , HP Sure , HP DriveLock and Automatic DriveLock , HP BIOS Recovery
Security Software Licenses	HP Wolf Pro Security Edition
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Client Catalog , HP Power Manager with Battery Health Manager (download) , HP Client Management Script Library (download) , HP Image Assistant (download) , HP Manageability Integration Kit , HP Cloud Recovery , HP Connect for Microsoft Endpoint Manager , HP Driver Packs (download)
Power	HP 200W Slim 4.5 mm PFC Right Angle Smart (3-pin) AC Power Adapter , HP 280W Standard 4.5 mm Right Angle Smart (3-pin) AC Power Adapter , HP 330W Standard 4.5 mm PFC Straight Smart (3-pin) AC Power Adapter
Battery type	HP 99 Wh Long Life Polymer Fast Charge 8 cell Battery
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes
Dimensions	15.88 x 11.41 x 1.10 in , 40.3 x 28.9 x 2.7 cm , (Dimensions vary by configuration)
Weight	Starting at 7.78 lb , Starting at 3.52 kg , (Weight varies by configuration and components.)
Ecolabels	EPEAT registered configurations available
Sustainable impact specifications	Low halogen , 40% post-consumer recycled plastic , Bulk packaging available , External power supply 90% efficiency , Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable , Outside box and corrugated cushions are 100% sustainably sourced and recyclable

Product Information Online

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

Product page: <https://comx-computers.co.za/Buy-Notebooks-Laptops-CK2J8ES-HP-ZBook-Fury-G1i-18-lp-329686.php>

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