



HP ZBook Studio 16 G10 Intel® Core™ i7 i7-13700H Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP

Product family: ZBook Studio

Product code: 98J77ET#ABH

Product name : 16 G10

HP ZBook Studio 16 G10. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H, Processor frequency: 2.4 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey

| Design | | Camera | |
|--------------------------------------|--------------------------|---|----------------------|
| Product type * | Mobile workstation | Front camera HD type | HD |
| Product colour * | Grey | Infrared (IR) camera | ✓ |
| Form factor * | Clamshell | Network | |
| Market positioning | Performance | Wi-Fi | ✓ |
| Introduction year | 2023 | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Original brand name | HP | Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Display | | Mobile network connection * | ✗ |
| Display diagonal * | 40.6 cm (16") | Antenna type | 2x2 |
| Display resolution * | 1920 x 1200 pixels | WLAN controller model | Intel Wi-Fi 6E AX211 |
| Touchscreen * | ✗ | WLAN controller manufacturer | Intel |
| HD type | WUXGA | Ethernet LAN | ✗ |
| Panel type | IPS | Bluetooth | ✓ |
| LED backlight | ✓ | Bluetooth version | 5.3 |
| Native aspect ratio | 16:10 | Miracast | ✓ |
| Anti-glare screen | ✓ | Ports & interfaces | |
| Display bezel technology | Micro-Edge | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Display brightness | 400 cd/m ² | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Display diagonal (metric) | 40.6 cm | Thunderbolt 4 ports quantity | 2 |
| RGB colour space | sRGB | Intel® Thunderbolt 4 | ✓ |
| Colour gamut | 100% | Combo headphone/mic port | ✓ |
| Processor | | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor manufacturer * | Intel | USB Sleep-and-Charge | ✓ |
| Processor family * | Intel® Core™ i7 | USB Sleep-and-Charge ports | 2 |
| Processor generation | 13th gen Intel® Core™ i7 | Keyboard | |
| Processor model * | i7-13700H | Keyboard special features | Morsbestendig |
| Processor cores | 14 | Pointing device | Clickpad |
| Processor threads | 20 | Numeric keypad * | ✗ |
| Processor boost frequency | 5 GHz | Keyboard backlight | ✓ |
| Processor frequency * | 2.4 GHz | Spill-resistant keyboard | ✓ |
| Performance cores | 6 | Full-size keyboard | ✓ |
| Efficient cores | 8 | | |
| Performance-core Max Turbo Frequency | 5 GHz | | |
| Efficient-core Max Turbo Frequency | 3.7 GHz | | |
| Processor cache | 24 MB | | |

| | | | |
|-----------------------------------|-------------------------|--|------------------------------|
| Processor | | Keyboard | |
| Processor cache type | L3 | Keyboard layout | QWERTY |
| Processor base power | 45 W | Software | |
| Maximum turbo power | 115 W | Trial software | HP Wolf Pro Security Edition |
| Memory | | Operating system installed * | Windows 11 Pro |
| Internal memory * | 32 GB | Brand-specific features | |
| Internal memory type | DDR5-SDRAM | HP speaker type | HP Quad Speakers |
| Memory clock speed | 5600 MHz | HP Connection Optimizer | ✓ |
| Memory form factor | SO-DIMM | HP Support Assistant | ✓ |
| Memory layout (slots x size) | 2 x 16 GB | HP front camera | HP Webcam HD IR |
| Memory slots | 2x SO-DIMM | HP Credential Manager; HP Power On Authentication; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; HP Image Assistant Gen4.6; HP Client Security Manager Gen7 | |
| Maximum internal memory * | 64 GB | HP Security tools | |
| Memory channels | Dual-channel | HP Management tools | HP Power Manager |
| ECC | ✗ | HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; HP Connection Optimizer; myHP; HP Privacy Settings; HP Easy Clean; HP PC Hardware Diagnostics; HP Z Light Space; HP Camera & Super Resolution Software; HP Presence | |
| Non-ECC | ✓ | HP Software provided | |
| Storage | | HP segment | Business |
| Total storage capacity * | 512 GB | Battery | |
| Storage media * | SSD | Battery technology | Lithium Polymer (LiPo) |
| Total SSDs capacity | 512 GB | Number of battery cells | 6 |
| Number of SSDs installed | 1 | Battery capacity * | 86 Wh |
| SSD capacity | 512 GB | Fast charging | ✓ |
| SSD memory type | TLC | Fast charging time (50%) | 30 min |
| SSD interface | PCI Express 4.0 | Power | |
| NVMe | ✓ | AC adapter power | 200 W |
| Optical drive type * | ✗ | AC adapter frequency | 50 - 60 Hz |
| Card reader integrated | ✓ | AC adapter input voltage | 100 - 240 V |
| Compatible memory cards | MicroSD (TransFlash) | DC-in jack | ✓ |
| Graphics | | USB Power Delivery (USB PD) | ✓ |
| Discrete GPU manufacturer | NVIDIA | Security | |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 | Cable lock slot | ✓ |
| Discrete graphics card memory | 8 GB | Cable lock slot type | Nano |
| Discrete graphics memory type | GDDR6 | Fingerprint reader | ✓ |
| On-board graphics card * | ✓ | Trusted Platform Module (TPM) | ✓ |
| On-board GPU manufacturer | Intel | Trusted Platform Module (TPM) version | 2.0 |
| Discrete graphics card * | ✓ | Password protection | ✓ |
| On-board graphics card family | Intel Iris Xe Graphics | Password protection type | BIOS, Power on, User |
| On-board graphics card model * | Intel Iris Xe Graphics | Certificates | |
| Number of discrete graphics cards | 1 | Low halogen | ✓ |
| Audio | | Sustainability | |
| Audio system | B&O PLAY | Sustainability compliance | ✓ |
| Built-in speaker(s) | ✓ | Sustainability certificates | TCO |
| Number of built-in speakers | 4 | Weight & dimensions | |
| Speakers manufacturer | Bang & Olufsen | Width | 356 mm |
| Built-in microphone | ✓ | Depth | 242 mm |
| Number of microphones | 2 | Height | 19 mm |
| Camera | | Weight * | 1.73 kg |
| Front camera | ✓ | | |

Packaging data

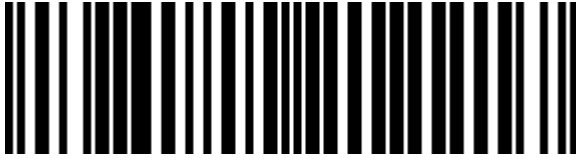
| | |
|----------------|--------|
| Package width | 552 mm |
| Package depth | 69 mm |
| Package height | 345 mm |

Packaging content

| | |
|-------------------|---|
| Keyboard included | ✓ |
|-------------------|---|

Other features

| | |
|--------------------|---|
| Number of speakers | 4 |
|--------------------|---|



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