### **ProductSheet**

# HP ZBook Fury 16 G9 Mobile Workstation PC Wolf Pro Security Edition (6X3J5UT)

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### So powerful you'll forget it's a laptop

Tackle your most intense workflows with the ZBook Fury—now offering a desktop CPU in a laptop. With integrated or discrete graphics, a stunning display and collaboration features you can edit 8K videos, render in 3D or train machine learning models. Experience extreme properformance—all on the move.



HP recommends Windows 11 Pro for businessle multiple heavy workflows—simultaneously

Blaze through graphics-heavy projects with a desktop class Intel® CPU[1] and integrated or discrete graphics.[3]

### Upgrade. Expand. Evolve

Get desktop-level storage and memory with room to grow. Expansion is easy with tool-free access to components.

### Thin bezel for enhanced display area

Bring projects to life on a brilliant display and see more of your screen with a slim-bezel design.

### **Featuring**

### Intel® Core™ i7 processor

Run several CPU—heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. [1]

### **HP Z Turbo Drive High-speed Storage**

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage. [4]

### Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

### Industry-leading security features

Advanced security features come standard. System safeguards like HP Sure Start – the industry's first self-healing BIOS – mean your device is locked down tight, so your data and identity are too.

# **Specifications**

Uper ample system    Processor   Amily   12/6 Generation Intel® Core™ (7) Decessor	One wating a section	11 2
Processor 2 Intel® Core™ 17-12800HX (up to 4.8 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 16 cores, 24 threads)  Memory 32 GB DDR5-4800 MHz RAM (2 x 16 GB)  Memory Slots 4 SDDIMM, supports dual channel  Internal Storage 512 GB PCIe® NVMe™ TLC SSD  Hard drive Qrdd) 1 TB PCIe® NVMe™ TLC SSD  Optical drive Not included  Graphics Gliscrete) NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)  Integrated  Graphics (discrete) NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)  Integrated  Graphics (integrated) Intel® LHD Graphics  Display 16° diagonal, WUXGA (1920 x 1200), IPS, anti-glere, micro-edge, 400 nits, 100% sRGB  Display 16° diagonal, WUXGA (1920 x 1200), IPS, anti-glere, micro-edge, 400 nits, 100% sRGB  Display isze (diagonal) 16° diagonal, WUXGA (1920 x 1200), IPS, anti-glere, micro-edge, 400 nits, 100% sRGB  Display size (diagonal) 16°  Audio Walfe by Bang & Oufsen, dual stereo speakers with discrete amps, IHP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, IHD audio with 2004z Bass Roll off  Minimum dimensions (W x D x H)  Minimum dimensions (W x D x H)  Minimum dimensions (W x D x H)  Starting at 2.39 kg  Weight Starting at 5.27 fb  Starting at 5.27 sb (Weight varies by configuration and components.)  Keyboard HP Premium Keyboard - spill-resistant, full-size, backlit keyboard with numeric keypad  Camera ShP Camera  ShP Camera  Forts 1 R3-45; 1 headphone/microphone combo: 1 Superspeed USB Type-A 5Gbps signaling rate (charging); 1 Superspeed USB Type-A 6Gbps signaling rate (charging); 1 Superspeed USB Type-A 6Gbps signaling rate (charging); 1 Superspeed USB Type-A 5Gbps signal	Operating system	Windows 10 Pro (available through downgrade rights from Windows 11 Pro) <sup>[1,2]</sup>
Z4 threads	Processor family	,
Memory         32 GB DDRS-4800 MHz RAM (2 x 16 GB)           Memory Slots         4 SODIMM; supports dual channel           Internal Storage         15 GB B Cleis NVMe™ TLC SSD           Deptical drive         Not included           Graphics         Discrete           Graphics (discrete)         NVIDLA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)           Graphics (integrated)         Integrated           Display         40 6 cm (16°) Glagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nils, 100% sRGB           Display size (diagonal)         40 6 cm (16°)           Display size (diagonal)         16° diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nils, 100% sRGB  <sup>[21,23,32]</sup> Display size (diagonal)         16°           Audio         Audio by Bang & Dufsen, dual staren speakers with discrete amps, HP World Facing Microphone dual array diplant microphones, functions keys for volume up and down, combo microphone/headphone pick, HD audio with 200Hz Bass Roll off           Minimum dimensions (W x D x H)         36.3 x 25.0 x 2.7 cm (WWAN)           X H)         14.29 x 9.52 x 1.12 in (WWAN)           Weight         Staring at 2.39 kg           Weight (Weight varies by configuration and components).           Keyboard         HP Premum Keyboard – split-resistant, full-size, backlit keyboard with numeric keypad           Camera         5MP Camera	Processor	
Memory Slots	Chipset	Intel® WM690
Internal Storage Hard drive (2nd) 1TB PCL® NVMe™ TLC SSD Optical drive Optical drive Not included Graphics Discrete Graphics (discrete) Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Integrated Inte® UNIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Integrated Shared Canabos Story Shart Integrated Shared Canabos Integrated Integrated Shared Canabos Integrated Shared Canabos Integrated Integrated Shared Canabos Integrated Shared Canabos Integrated Inte	Memory	32 GB DDR5-4800 MHz RAM (2 x 16 GB)
Hard drive (2nd)  Optical drive  Not included  Graphics  Discrete  Graphics (discrete)  NVDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)  Integrated  Graphics (integrated)  Integrated  Integrated (Integrated)  Integrat	Memory Slots	4 SODIMM; supports dual channel
Optical drive Graphics Discrete Graphics (discrete) NYIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated) Graphics (integrated) Integrated Integrated) Integrated Jingles UHD Graphics Display 40.6 cm (16*) diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB Display 16* diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB[21,23,32] Display size (diagonal) Jisplay size (diagonal) Audio Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off Minimum dimensions (W x D x H)  Minimum dimensions (W x D x + 1)  X + H)  Minimum dimensions (W x D x + 20 x 2.77 cm (WWAN)  Minimum dimensions (W x D x + 20 x 2.75 cm (WWAN)  Weight Starting at 2.39 kg Weight Starting at 2.39 kg Weight Starting at 2.39 kg Weight Starting at 2.49 kg 2 x 2.50 x 2.77 cm (WWAN)  Keyboard HP Premium Keyboard – spili-resistant, full-size, backlit keyboard with numeric keypad Camera ShP	Internal Storage	512 GB PCle® NVMe™ TLC SSD
Graphics   Discrete   NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)   Integrated   Integr	Hard drive (2nd)	1 TB PCle® NVMe™ TLC SSD
Graphics (discrete)         NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)           Graphics (integrated)         Integrated           Graphics (integrated)         Integrated           Display         40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB           Display isze (diagonal)         16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB[21,23,32]           Display size (diagonal)         16"           Audio         Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for Volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off           Minimum dimensions (W x D x H)         36.3 x 25.0 x 2.7 x cm (WWAN)           Minimum dimensions (W x D x H)         14.29 x 9.52 x 1.12 in (WWAN)           Weight         Starting at 2.39 kg           Weight         Starting at 5.27 ib (Weight varies by configuration and components.)           Keyboard         HP Premium Keyboard – spill-resistant, full-size, backlik keyboard with numeric keypad           Camera         5MP Camera           Ports         1 R3-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (Charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort** 1.4, HPS lead pand Charge; 1 HDMI 2.1; 1 Mini DisplayPort** 2.0           Wireless         Intel® WiF1 is EAX211 (2x2) and Bluetooth® 5.2	Optical drive	Not included
Graphics         Integrated           Graphics (integrated)         Intel® UHD Graphics           Display         40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB           Display size (diagonal)         16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB[21:23.32]           Display size (diagonal)         40.6 cm (16")           Display size (diagonal)         16"           Audio         Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/meadphone jack, HD audio with 20012 Bass Roll off           Minimum dimensions (W x D x H)         36.3 x 25.0 x 2.77 cm (WWAN)           Minimum dimensions (W x D X H)         14.29 x 9.52 x 1.12 in (WWAN)           Weight         Starting at 2.39 kg           Weight         Starting at 2.39 kg           Weight         Starting at 2.39 kg           Keyboard         HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad           Camera         5MP Camera           Ports         1, R3-45; 1 headphone/microphone combo; 1 Super-Speed USB Type-A 5Gbps signaling rate (charging); 1 Super-Speed USB Type-A 5Gbps signaling rate (pharging); 1 Super-Speed USB Type-A 5Gbps signaling rate (pharging); 1 Power Connector; 2 Thunderbolt** 4 with USB4*** Type-C® 40Gbps signaling rate (pharging); 1 Power Connector; 2 Thunderbolt** 4 with USB4***	Graphics	Discrete
Security management   Intel® UHD Graphics   Intel® UHD Graphics   Intel® UHD Graphics   40.6 cm (16°) diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB   16° diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB   16° diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB   21.23.32    Intel® UHD Stapley size (diagonal)   16°   Audio	Graphics (discrete)	NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)
Display 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB 10 splay 16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB 21.23.32] Display size (diagonal) 40.6 cm (16") Display size (diagonal) 16" Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off Minimum dimensions (W x D x H)  Weight Starting at 2.39 kg Weight Starting at 2.39 kg Weight (Weight varies by configuration and components.)  Keyboard HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera 5MP Camera  5MP Camera  5MP Camera  1 R1-45, 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Steep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0  Wireless Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  Power 200 W external AC power adapter[20]  Battery type HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels TCO Certified ENERCY STAR® certified  Management features  Sustainable impacs specifications  Absolute persistence module: HP Device Access Manager; HP Power On Authentication; HP Sure Cik; Windows Defender; HP Secure Frase; HP Manage; Bill Suries activity; Pre-boot authentication; HP Sure Cik; Windows Defender; HP Secure Frase; HP Manage; HP Divers Conf. HP Sure Nine Gen?; Trusted Platform; He Sure Coccer Camera privacy shuttle? 227,30,31,34,34,04,64,74,95,95.11  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Autvisor; HP Remove Cou; HP Pidarows; HP Pidarovs; HP Clourd Recovery, HP Admin, HP Pirvacy Scittin	Graphics	Integrated
Display 16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB [21,23,32]  Display size (diagonal) 40.6 cm (16")  Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off with 200Hz Bass Roll	Graphics (integrated)	Intel® UHD Graphics
Display size (diagonal)  Display size (diagonal)  16°  Audio  Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 2004/B Bass Roll off  Minimum dimensions (W x D x H)  Minimum dimensions (W x D x H)  X H)  Weight  Starting at 5.27 lb (Weight varies by configuration and components.)  Keyboard  HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera  5MP Camera  5MP Camera  1 RJ-45; 1 headphone/microphone combo; 1 superSpeed USB Type-A 5Gbps signaling rate (charging); 1 superSpeed USB Type-A 5Gbps signaling rate (charging); 1 superSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort* 1.4, HP Siepe and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  1 power connector; 2 Thunderbolt* 4 with USB4** Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort* 1.4, HP Siepe and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  1 power connector; 2 Starting and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels  TCO Certified  Energy star certified  Management features  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Sure Cilck; Windows Defender; HP Secure Erass; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform, HP Sure Recover Gens; HP BIOSphere Gens, HP Sure Gens, HP	Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB
Display size (diagonal)  Display size (diagonal)  16°  Audio  Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 2004/B Bass Roll off  Minimum dimensions (W x D x H)  Minimum dimensions (W x D x H)  X H)  Weight  Starting at 5.27 lb (Weight varies by configuration and components.)  Keyboard  HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera  5MP Camera  5MP Camera  1 RJ-45; 1 headphone/microphone combo; 1 superSpeed USB Type-A 5Gbps signaling rate (charging); 1 superSpeed USB Type-A 5Gbps signaling rate (charging); 1 superSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort* 1.4, HP Siepe and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  1 power connector; 2 Thunderbolt* 4 with USB4** Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort* 1.4, HP Siepe and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  1 power connector; 2 Starting and Charge); 1 HDMI 2.1; 1 Mini DisplayPort* 2.0  Wireless  HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels  TCO Certified  Energy star certified  Management features  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Sure Cilck; Windows Defender; HP Secure Erass; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform, HP Sure Recover Gens; HP BIOSphere Gens, HP Sure Gens, HP	Display	16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB <sup>[21,23,32]</sup>
Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off		
Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 2004b2 Bass Roll off  Minimum dimensions (W x D x H)  Weight Starting at 2.39 kg  Starting at 2.39 kg  Weight Starting at 5.27 lb  (Weight varies by configuration and components.)  Keyboard HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera 5MP Camera  Ports 1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Data Speed USB Type-A 5Gbps signaling rate (USB Power Data Speed USB Type-A 5Gbps signaling rate (USB Power Data Speed USB Type-A 5Gbps signaling rate (USB Power Data Speed USB Type-A 5Gbps signaling rate (USB Power Data Speed		16"
Minimum dimensions (W x D Minimum dimensions (W x D x H)  Weight  Starting at 2.39 kg  Weight  Starting at 2.39 kg  Weight  Weight  Starting at 2.57 lb (Weight varies by configuration and components.)  Keyboard  HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera  5MP Camera  Forts  1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (particular to SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, 20 Support in SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, 20 SuperSpeed USB Type-A 5Gbps signaling rate (Charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, 20 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, 20 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, 20 SuperSpeed USB Type		digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Weight Starting at 2.39 kg  Weight Starting at 2.39 kg  Weight (Weight varies by configuration and components.)  Keyboard HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad  Camera 5MP Camera  Forts 1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0  Wireless Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  Power 200 W external AC power adapter <sup>[20]</sup> Battery type HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels TCO Certified ENERGY STAR® certified  Management features HP Power Manager <sup>[16]</sup> Sustainable impact specifications  Security management  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure We Reflect; HP Tamper Lock; Nano Security Lock Sto; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter[22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Bly Office; HP Hottey Support; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickProp; Data Science Stack; HP Easy Clear; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	•	36.3 x 25.0 x 2.77 cm (WWAN)
Weight         Starting at 5.27 lb (Weight varies by configuration and components.)           Keyboard         HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad           Camera         5MP Camera           Ports         1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0           Wireless         Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)           Power         200 W external AC power adapter[20]           Battery type         HP Long Life 8-cell, 95 Wh Li-ion polymer           Ecolabels         TCO Certified           Energy star certified         ENERGY STAR® certified           Management features         HP Power Manager[16]           Sustainable impact specifications         Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Sure Rittorm; HP Sure Recover Gen3; HP BIO Sphere Gen6; HP Sure Start Gen6; HP Sure Ritt Gen6; HP Sure Rittorm; HP Sure Recover Gen3; HP BIO Sphere Gen6; HP Sure Start Gen6; HP Sure Rittorm; HP Sure Recover Gen6; HP HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP Jump	•	14.29 x 9.52 x 1.12 in (WWAN)
Keyboard         HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad           Camera         5MP Camera           Ports         1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate (page 4)           Ports         1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0           Wireless         Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)           Power         200 W external AC power adapter <sup>[20]</sup> Battery type         HP Long Life 8-cell, 95 Wh Li-ion polymer           Ecolabels         TCO Certified           Energy star certified         ENERGY STAR® certified           Management features         HP Power Manager <sup>[16]</sup> Sustainable impact specifications         Low Halogen           Security management         Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense, HP Secure Platform; HP Sure Sense, HP Secure Genf; HP Sure Start Genf; HP Sure Sense, HP Secure Platform; HP Sure Sense, HP Secure Genf; HP Sure Start Genf; HP Sure Sense, HP Secure Sense, HP Secu	Weight	Starting at 2.39 kg
Camera       5MP Camera         Ports       1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate         Ports       1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0         Wireless       Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)         Power       200 W external AC power adapter[20]         Battery type       HP Long Life 8-cell, 95 Wh Li-ion polymer         Ecolabels       TCO Certified         Energy star certified       ENERGY STAR® certified         Management features       HP Power Manager <sup>[16]</sup> Sustainable impact specifications       Low Halogen         Security management       Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Sure (Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Click; Vindows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Seure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter[22,27,30,31,34,38,40,46,74,74,95,51]         Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Scien	Weight	
Ports  1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (Charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate  1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0  Wireless  Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  Power  200 W external AC power adapter <sup>[20]</sup> Battery type  HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels  TCO Certified  Energy star certified  Management features  HP Power Manager <sup>[16]</sup> Sustainable impact specifications  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Sure Cick, Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BloSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter <sup>[22,27,30,31,34,38,40,46,47,49,50,51]</sup> Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Remote Graphics Software; HP Easy Clean; HP PC Hardware Diagnostics; HP PC Zcentral Remote Boost 2020 Software for Z workstation; Tile™ Application Infertion Infertion Application Infertion Inferti	Keyboard	HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad
Ports  SuperSpeed USB Type-A 5Gbps signaling rate  1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0  Wireless  Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  Power  200 W external AC power adapter[20]  Battery type  HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels  TCO Certified  Energy star certified  Management features  HP Power Manager[16]  Sustainable impact specifications  Low Halogen  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter (22.27.30.31.34.38.40.46.47.49.50.51)  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26.28.29.33.35.36.39.54]	Camera	5MP Camera
DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0  Wireless  Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  Power  200 W external AC power adapter <sup>[20]</sup> Battery type  HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels  TCO Certified  Energy star certified  Management features  HP Power Manager <sup>[16]</sup> Sustainable impact specifications  Low Halogen  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Scurity Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter <sup>[22,27,30,31,34,38,40,46,47,49,50,51]</sup> Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application <sup>[26,28,29,33,35,36,39,54]</sup>	Ports	SuperSpeed USB Type-A 5Gbps signaling rate
Power 200 W external AC power adapter [20]  Battery type HP Long Life 8-cell, 95 Wh Li-ion polymer  Ecolabels TCO Certified  Energy star certified ENERGY STAR® certified  Management features HP Power Manager [16]  Sustainable impact specifications  Low Halogen  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter [22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Ports	
Battery type       HP Long Life 8-cell, 95 Wh Li-ion polymer         Ecolabels       TCO Certified         Energy star certified       ENERGY STAR® certified         Management features       HP Power Manager <sup>[16]</sup> Sustainable impact specifications       Low Halogen         Security management       Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter <sup>[22,27,30,31,34,38,40,46,47,49,50,51]</sup> Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Ecolabels  TCO Certified  Energy star certified  Energy star certified  Management features  Sustainable impact specifications  Low Halogen  Low Halogen  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter [22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Power	200 W external AC power adapter <sup>[20]</sup>
Energy star certified  Management features  Sustainable impact specifications  Low Halogen  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter [22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Battery type	HP Long Life 8-cell, 95 Wh Li-ion polymer
Management features         HP Power Manager <sup>[16]</sup> Sustainable impact specifications         Low Halogen           Security management         Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter <sup>[22,27,30,31,34,38,40,46,47,49,50,51]</sup> Software included         Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application <sup>[26,28,29,33,35,36,39,54]</sup>	Ecolabels	TCO Certified
Sustainable impact specifications  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter [22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Energy star certified	ENERGY STAR® certified
Security management  Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter [22,27,30,31,34,38,40,46,47,49,50,51]  Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Management features	HP Power Manager <sup>[16]</sup>
Security managementManager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform 		Low Halogen
Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart;  Software included Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application [26,28,29,33,35,36,39,54]	Security management	Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform
<b>UPC number</b> 196786643941	Software included	Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics;
	UPC number	196786643941

### **HP recommends Windows 11 Pro for business**

ProductSheet | HP ZBook Fury 16 G9 Mobile Workstation PC Wolf Pro Security Edition (6X3J5UT)

## **Top Recommended Displays, Accessories and Services**

No Top Recommended Displays, Accessories and Services

### **HP recommends Windows 11 Pro for business**

ProductSheet | HP ZBook Fury 16 G9 Mobile Workstation PC Wolf Pro Security Edition (6X3J5UT)

### **Messaging Footnotes**

- [1] Multicore 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- [3] Optional feature that must be configured at purchase.
- [4] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

### **Technical Specifications Footnotes**

- [1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
- [2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- [16] Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.
- [20] 120 W power adapter is configurable with Intel UMA graphics. 150 W power adapter is configurable with NVIDIA T1000 and T2000 configurations. 200 W power adapter is configurable with NVIDIA RTX 3000 or higher and AMD graphic configurations.
- [21] UHD content required to view UHD images.
- [22] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- [23] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- [26] 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.
- [27] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A\_SureClick for complete details
- [28] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.
- [29] HP Performance Advisor Software HP Performance Advisor is ready and waiting to help you get the most out of your HP Workstation from day one—and every day after. Learn more or download at: https://www8.hp.com/us/en/workstations/performance-advisor.html
- [30] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement
- [31] 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.
- [32] Actual brightness will be lower with HP Sure View or touch-screen.
- [33] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.
- [34] Security lock for security slot is sold separately.
- [35] HP Support Assistant requires Windows and Internet access.
- [36] HP Connection Optimizer requires Windows 10.
- [38] HP Sure Start Gen6 is available on select HP PCs and requires Windows 10 and higher.
- [39] HP ZCentral Remote Boost Sender does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase through 2022. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral Remote Boost Software Support is required. ZCentral Remote Boost Sender for non-Z Hardware requires a license and Windows 10, RHEL/CentOS (7 or 8), or UBUNTU 18.04 or 20.04 LTS operating systems. macOS (10.14 or newer) operating system and ThinPro 7.2 are only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.
- [40] HP Tamper Lock not supported on Ubuntu OS.
- [46] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation. **Learn more at**

171 Secure Frace For the methods cuttined in the National Institute of Standards and Technology Special Dublication 900 90 "Clear" conitation method UD Secure

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