

# HP Z2 Tower G1i Workstation Desktop PC

Mainstream workstation performance—reimagined



**Experience new levels of performance for professional workflows. The HP Z2 Tower AI workstation is reengineered to support high-end graphics and seamlessly run both single and multi-threaded apps for fast modeling, simulation, and rendering. Enjoy easy expandability to upgrade, when needs evolve.**

#### **Reengineered performance. Refined cooling.**

Unleash the power of up to 600W, triple-wide graphics and a 24 core Intel® Core™ Ultra 9 processor<sup>1,2</sup>, including K-Series, on intense multi-threaded apps. Smart fan control tunes fan speeds in real-time. New lattice venting optimizes airflow intake.

#### **Built to expand. Power to grow.**

Need to upgrade graphics? Increase memory or storage? Add specialized PCIe cards? With room to expand and tool-less access, you can easily upgrade and add components as needs evolve. Well suited for rack environments, now fit 1 unit in a 4U rack.<sup>3</sup>

#### **Power AI-accelerated workflows**

Accelerate AI inferencing and development. Iterate and problem solve faster on your local device with up to an NVIDIA RTX PROTM 6000 Blackwell Workstation Edition GPU<sup>20</sup>. A built-in NPU<sup>4</sup> efficiently takes on productivity tasks.

#### **Help protect our shared future**

HP cares about the impact our products have on our people, communities, and planet. That's why this device contains 60% recycled plastics<sup>5</sup>, 20% recycled steel<sup>6</sup>, 100% sustainably sourced outer box packaging<sup>7</sup>, and is EPEAT® Gold with Climate+.<sup>8</sup>



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## Operating System

Support your unique user needs with a choice of Windows 11 Pro, WSL2 or Linux® operating systems.<sup>9</sup>

## Intel® Core™ Ultra Processors

Unleash power-efficient performance with up to an Intel® Core™ Ultra 9 CPU. This CPU not only unlocks performance for the next era of AI-enhanced software, but the dedicated NPU greatly increases efficiency for productivity tasks.<sup>1</sup>

## Professional Graphics

Design, render, ray-trace and even work on small datasets seamlessly with up to NVIDIA RTXTM 6000-series graphics and powerful support for triple wide and 600W graphics.<sup>10</sup>

## Memory

High speed memory for near real-time responsiveness with up to fast data transfer speeds of up to 5600 MT/s and up to 256 GB DDR5 memory.<sup>2,11</sup>

## Storage

Get up to 36TB total storage capacity (12TB with 3x NVMe and 24TB with 2x HDD) and RAID data storage capabilities for added performance or reliability.<sup>12</sup>

## Flexible I/O Modules

Configure to the needs of today with flexibility for the future with a flexible I/O port having 14 I/O options.<sup>13</sup>

## Multi-Display Support

See all your windows in perfect detail with support for up to 8 displays at 4K resolution.<sup>14</sup>

## Fast and efficient Wi-Fi 7

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit data rate Wi-Fi 7.<sup>15,16</sup>

## Independent Software Vendor Certifications

Work with confidence knowing your workstation is certified by leading software vendors to ensure peak performance even on complex projects.

## Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>17</sup>

## HP Smart Sense

HP Smart Sense intelligently optimizes your PC's thermal and power management based on your usage. Select high performance mode when completing demanding tasks to maximize performance.<sup>18</sup>

## Network Connectivity

Connect and collaborate quickly with up to 25Gb Ethernet interface.<sup>19</sup>



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## Specifications Table

Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Linux® Ready <sup>3</sup> Ubuntu 24.04 LTS <sup>2</sup>
Processor family <sup>4,5</sup>	Intel® Core™ Ultra 9 processor; Intel® Core™ Ultra 7 processor; Intel® Core™ Ultra 5 processor
Available Processors <sup>4,5,6</sup>	Intel® Core™ Ultra 9 285K with Intel® Graphics (3.2 GHz E-core base frequency, 3.7 GHz P-core base frequency, up to 4.6 GHz E-core Max Turbo frequency, up to 5.5 GHz P-core Max Turbo frequency, 36 MB L3 cache, 8 P-cores and 16 E-cores, 24 threads) Intel® Core™ Ultra 9 285 with Intel® Graphics (1.9 GHz E-core base frequency, 2.5 GHz P-core base frequency, up to 4.6 GHz E-core Max Turbo frequency, up to 5.4 GHz P-core Max Turbo frequency, 36 MB L3 cache, 8 P-cores and 16 E-cores, 24 threads) Intel® Core™ Ultra 7 265K with Intel® Graphics (3.3 GHz E-core base frequency, 3.9 GHz P-core base frequency, up to 4.6 GHz E-core Max Turbo frequency, up to 5.4 GHz P-core Max Turbo frequency, 30 MB L3 cache, 8 P-cores and 12 E-cores, 20 threads) Intel® Core™ Ultra 7 265 with Intel® Graphics (1.8 GHz E-core base frequency, 2.4 GHz P-core base frequency, up to 4.6 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 30 MB L3 cache, 8 P-cores and 12 E-cores, 20 threads) Intel® Core™ Ultra 5 245K with Intel® Graphics (3.6 GHz E-core base frequency, 4.2 GHz P-core base frequency, up to 4.6 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 245 with Intel® Graphics (3.0 GHz E-core base frequency, 3.5 GHz P-core base frequency, up to 4.5 GHz E-core Max Turbo frequency, up to 5.1 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 235 with Intel® Graphics (2.9 GHz E-core base frequency, 3.4 GHz P-core base frequency, up to 4.4 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 225 with Intel® Graphics (2.7 GHz E-core base frequency, 3.3 GHz P-core base frequency, up to 4.4 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 20 MB L3 cache, 6 P-cores and 4 E-cores, 10 threads)
Chipset	Intel® W880
Product colour	Black
Form factor	Tower
Maximum memory	128 GB DDR5-5600 MT/s ECC; 192 GB DDR5-5600 MT/s non-ECC Transfer rates up to 5600 MT/s.
Memory slots	4 DDR5
Internal storage	512 GB up to 4 TB HP Z Turbo Drive PCIe® NVMe™ M.2 SSD <sup>7</sup> 512 GB up to 4 TB HP Z Turbo Drive PCIe® NVMe™ Opal 2 M.2 SSD <sup>7</sup> 1 TB up to 2 TB HP Z Turbo Drive PCIe® Gen5 NVMe™ M.2 SSD <sup>7</sup> 1 TB up to 2 TB HP Z Turbo Drive PCIe® Gen5 NVMe™ Opal 2 M.2 SSD <sup>7</sup> 512 GB up to 2 TB Citadel PCIe® NVMe™ SSD M.2 <sup>7</sup> 512 GB up to 2 TB PCIe® NVMe™ FIPS 140-2 SED SSD <sup>7</sup> 256 GB up to 1 TB PCIe® NVMe™ Value M.2 SSD <sup>7</sup> 1 TB up to 12 TB SATA Enterprise HDD <sup>7</sup>
Available Graphics	Integrated: Intel® Graphics Discrete: NVIDIA RTX™ 4500 Ada Generation (24 GB GDDR6 dedicated) NVIDIA RTX™ 4000 Ada Generation (20 GB GDDR6 dedicated) NVIDIA RTX™ 2000 Ada Generation (16 GB GDDR6 dedicated) NVIDIA RTX™ 6000 Ada Generation (48 GB GDDR6 dedicated) NVIDIA RTX™ 5000 Ada Generation (32 GB GDDR6 dedicated) AMD Radeon™ Pro W7900 (48 GB GDDR6 dedicated) NVIDIA RTX™ A1000 (8 GB GDDR6 dedicated) NVIDIA RTX™ A400 (4 GB GDDR6 dedicated) (Other 3rd Party graphics cards available. Please inquire with your sales specialist or channel partner.)
Audio	Realtek ALC3205 codec, universal audio jack with CTIA and OMTP headset support
Expansion slots	2 M.2 2280 PCIe 4 x4; 1 M.2 2230 for WLAN; 1 M.2 2280 PCIe 5 x4; 1 PCIe 4 x1 mechanical (x4 electrical); 1 PCIe 4 x4 mechanical (x16 electrical); 1 PCIe 4 x4
Ports and connectors	Front: 2 USB Type-C® 20Gbps signaling rate; 4 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo ; Rear: 2 USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45; 1 audio line-in/line-out; 3 USB Type-A 480Mbps signaling rate ; Optional Ports: Flex IO left side – choose one of the following options: 1 DisplayPort™ 2.1 UHBR20, 1 HDMI 2.1, 1 VGA, 1 Dual USB Type-A 5Gbps signaling rate, 1 Dual USB Type-C® 10Gbps signaling rate, 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, Alt Mode DisplayPort™1.4), 1 GbE LAN, 1 Thunderbolt™ 4, 2.5 GbE LAN, 10GbE LAN (10GbE-T), USB-based Serial port option, 1GbE Fiber LC NIC. Flex IO (fly cable) – choose one of the following options: 1 Dual USB Type-A 5Gbps signaling rate, USB-based Serial port option, 1GbE Fiber LC NIC.



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<b>Keyboard</b>	HP 655 Wireless Keyboard and mouse combo; HP 455 Programmable Wireless Keyboard; HP USB 320K Keyboard; HP USB Business Slim Wired SmartCard CCID Keyboard; HP 125 Black Wired Keyboard
<b>Mouse</b>	HP Wired Desktop 128 Laser Mouse; HP Wired 320M Mouse; HP 125 Wired Mouse
<b>Communications</b>	LAN: Intel® I350-T4 4-port GbE NIC; Intel® X550-T2 dual-port 10GbE NIC; Integrated Intel® I219-LM PCIe® GbE; Intel® I225-T1 PCIe® 2.5 GbE; NVIDIA® Mellanox ConnectX-6 DX Dual Port 10/25GbE SFP28 NIC; Allied Telesis AT-2911T/2-901 dual-port 1GbE NIC; WLAN: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card; Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro® <sup>8,24</sup> ;
<b>Drive Bays</b>	External: One slim ODD; One 5.25";
<b>Software</b>	HP Support Assistant <sup>34</sup> ; HP UEFI BIOS Certification Level 2.7B; HP PC Hardware Diagnostics Windows; HP Manageability Integration Kit <sup>10</sup> ; HP Notifications; HP Desktop Support Utilities; HP Documentation; myHP <sup>25</sup> ; WPS Office; Touchpoint Customizer for Commercial; HP Anyware <sup>28</sup>
<b>Security management</b>	HP Secure Erase <sup>11</sup> ; HP Sure Click <sup>12</sup> ; HP BIOSphere Gen6 <sup>13</sup> ; HP Sure Admin <sup>14</sup> ; Hood Sensor Optional Kit; HP Client Security Manager Gen6 <sup>15</sup> ; HP Sure Start <sup>16</sup> ; HP Sure Recover <sup>17</sup> ; HP Sure Sense <sup>18</sup> ; HP Sure Run <sup>22</sup> ; HP Tamper Lock <sup>27</sup>
<b>Security Software Licenses</b>	HP Wolf Pro Security Edition <sup>56</sup>
<b>Management features</b>	HP Client Catalog (download) <sup>30</sup> ; HP Cloud Recovery <sup>26</sup> ; HP Driver Packs <sup>31</sup> ; HP Client Management Script Library (download) <sup>32</sup> ; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Image Assistant (download) <sup>33</sup>
<b>Power</b>	500 W internal power adapter, up to 92% efficiency, active PFC; 1200 W internal power adapter, up to 92% efficiency, active PFC; 700 W internal power adapter, up to 92% efficiency, active PFC
<b>Dimensions</b>	6.9 x 16.7 x 15.2 in; 17.5 x 42.6 x 38.8 cm; (Standard desktop orientation.); 23.2 x 19.3 x 11.6 in; 59 x 49 x 29.5 cm (Package)
<b>Weight</b>	Starting at 19 lb; Starting at 8.6 kg; Starting at 27.3 lb; Starting at 12.5 kg (Package) ; (Exact weight depends on configuration.)
<b>Ecolabels</b>	CECP; TCO Certified configurations available; SEPA; Taiwan Green Mark; Japan PC Green Label; FEMP; EPEAT® Gold with Climate+; Korea MEPS <sup>23,35</sup>
<b>Sustainable impact specifications</b>	Low halogen; Bulk packaging available; 10% ITE-derived closed loop plastic; 25% ocean-bound plastic in system fans; Product Carbon Footprint; Contains at least 60% post-consumer recycled plastic; System has a QR code enabled experience where the user has access to a product portal – beginning December 2025, this is complete with product feature highlights, sustainability information, getting started guides, and direct setup and support options; New Energy Consumption dashboard available to customers providing timely carbon usage including recommended actions users can take to decrease carbon footprint <sup>19,20,21,29</sup>



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## Messaging Footnotes

<sup>1</sup> 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 is not a measurement of clock speed. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

<sup>2</sup> Memory is an optional feature that must be configured at purchase.

<sup>3</sup> Rack mounting hardware sold separately.

<sup>4</sup> Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

<sup>5</sup> Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

<sup>6</sup> Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

<sup>7</sup> HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.

<sup>8</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

<sup>20</sup> NVIDIA RTXTM 6000 Ada Generation Desktop GPU is available at launch. NVIDIA RTXTM PRO 6000 Blackwell Workstation Edition GPU is planned to be available in the second half of 2025.

<sup>9</sup> 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 11 Pro is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

<sup>10</sup> Sold separately or as an optional feature.

<sup>11</sup> Up to 192 GB memory is available at launch. Up to 256 GB memory is planned to be available in the second half of 2025.

<sup>12</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of disk is reserved for system recovery software.

<sup>13</sup> Optional features that must be configured at purchase or are sold separately.

<sup>14</sup> Requires Mini DisplayPort adapters or USB-C adapters/cables.

<sup>15</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

<sup>16</sup> Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

<sup>17</sup> HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

<sup>18</sup> HP Smart Sense requires Windows 10 or higher.

<sup>19</sup> Internet access required and not included. Optional networking card not included.

support backward compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported.

<sup>9</sup> HP Performance Advisor Software - HP Performance Advisor is ready to help you get the most out of your HP Workstation from day one

— and every day after. Learn more or download at: <http://hp.com/PerformanceAdvisor>.

<sup>10</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

<sup>11</sup> HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear"

sanitization method. HP Secure Erase does not support platforms with Intel® Optane™.

<sup>12</sup> HP Sure Click requires Windows 10 Pro or higher or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.

<sup>13</sup> HP BIOSphere Gen6 features may vary depending on the platform and configuration.

<sup>14</sup> HP Sure Admin requires Windows 11, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and

HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

<sup>15</sup> HP Client Security Manager Gen6 requires Windows and is available on the select HP PCs.

<sup>16</sup> HP Sure Start is available on select HP PCs and requires Windows 10 and higher.

<sup>17</sup> HP Sure Recover is available on select HP PCs and requires Windows 10 or Windows 11 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network based recovery using Wi-Fi is only available on select PCs.

<sup>18</sup> HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

<sup>19</sup> Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

<sup>20</sup> Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

<sup>21</sup> HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.

<sup>22</sup> HP Sure Run is available on select HP PCs and requires Windows 10 and higher.

<sup>23</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

<sup>24</sup> Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. The availability of public wireless access points is limited. Wi-Fi 6E is backward compatible with prior 802.11 specs and available in countries where Wi-Fi 6E is supported.

<sup>25</sup> myHP requires Windows OS.

<sup>26</sup> HP Cloud Recovery is available for Z by HP, 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>.

<sup>27</sup> HP Tamper Lock must be enabled by the customer or your administrator.

<sup>28</sup> HP Anyware software and licensing are available through a 1- or 3-year subscription. Network access required. Renewal is required after the subscription term. HP Anyware subscriptions are based on the number of concurrent PCoIP connections used (pay for the number of host connections, not the software) with a minimum order quantity of 5. For a limited time, an HP Anyware Professional subscription also includes access and support for ZCentral Remote Boost and ZCentral Connect and is available for purchase through an HP reseller or contact sales at [hp.com/Anyware](http://hp.com/Anyware). ZCentral Remote Boost Sender requires Windows 10 and 11, 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. ZCentral Connect requires Windows (10 or 11) or Windows Server (2016 or 2019) operating system, Microsoft Active Directory and Intel Active Management Technology for select features. For system requirements and to install HP Anyware and Anyware Manager, refer to the Admin Guides at: <https://docs.teradici.com/find/product/hp-anyware>.

<sup>29</sup> Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.

<sup>30</sup> HP Client Catalog not preinstalled, however available for download at <https://www.hp.com/us-en/solutions/client-managementsolutions.html#tab=manageability-tools>.

<sup>31</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

<sup>32</sup> HP Client Management Script Library <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=management-tools>.

<sup>33</sup> HP Image Assistant not preinstalled, however available for download at <https://hp.ext.hp.com/pub/caps-softpaq/cmnl/HPIA.html>.

<sup>34</sup> HP Support Assistant is available on Windows. For more information, please visit [www.support.hp.com/help/hp-support-assistant](http://www.support.hp.com/help/hp-support-assistant).

<sup>35</sup> TCO Certified configurations available when ENERGY STAR configurations are selected with a USB Type-C® connector. ENERGY STAR available with a combination of high-performance CPUs, high-performance GPUs and select memory configurations.

<sup>36</sup> HP Wolf Pro Security Edition is available preloaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: <https://support.hp.com/us-en/document/c03875769-3873014-16> as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term of the subject license ends.

## Technical Specifications Footnotes

<sup>1</sup> 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 11 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

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<sup>3</sup> For detailed OS/hardware support information for Linux, see [http://www.hp.com/support/linux\\_hardware\\_matrix](http://www.hp.com/support/linux_hardware_matrix).

<sup>4</sup> 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.

<sup>5</sup> Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

<sup>6</sup> Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See <http://intel.com/vpro>.

<sup>7</sup> Supports dual channel memory.

<sup>8</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 24H OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs.

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<sup>29</sup> Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

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<sup>31</sup> Supports dual channel memory.

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