



# HP 470 17 inch G9 Notebook PC

Big screen productivity on the go

Built for productivity, the attractively designed HP 470 delivers desktop performance and laptop mobility with essential features for today's workforce. The 17-inch diagonal display with an anti-glare<sup>3</sup> option, delivers an expansive viewing experience.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

## Ready for work

- Power through projects with performance features common to a desktop all in your laptop. Enjoy the raw performance of the latest Intel® Core™ processor<sup>2</sup>, NVIDIA® discrete graphics<sup>3</sup>, and up to 1TB of storage.<sup>4</sup>

## Stay productive

- Business demands more from a PC. This 17-inch diagonal laptop comes equipped with the features like a full numeric keypad, a precision touchpad, and firmware TPM protection to keep up with your business in the office and on the go.

## In the office or on the go

- Work where you need to around the office with mobility features like HP Fast Charge<sup>5</sup>, an HD camera, and an onboard microphone. See everything clearly on the optional narrow border full HD<sup>6</sup> wide-viewing angle anti-glare IPS display.<sup>3</sup>
- Help speed up demanding business applications with the latest Intel® Core™ processor.<sup>2</sup>
- Forget about usernames and passwords. Simply log on to Windows and web sites, via using an optional fingerprint reader.<sup>3</sup>
- Help protect your investment and your data with firmware TPM.
- Type easily in low light with a stylish optional backlit keyboard.<sup>3</sup>
- 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-speed Wi-Fi 6.<sup>7,8</sup>
- Say goodbye to dongles and have all the connections you need, including one USB Type-C® 3.2 Gen1, two USB Type-A 3.2 Gen1, and an HDMI port.
- Outstanding battery life gets you through a day of back-to-back meetings without plugging in. HP fast-charging technology recharges your battery 50% in 30 minutes.<sup>9</sup>
- The HP 470 was rigorously tested to help ensure reliability. During the HP Total Test Process, PCs experience 120,000 hours of performance trials to help get you through your business day.<sup>10</sup>

## HP 470 17 inch G9 Notebook PC Specifications Table



\*Product image may differ from actual product

<b>Available Operating Systems</b>	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Education – HP recommends Windows 11 Pro for business <sup>1</sup> FreeDOS
<b>Processor family<sup>6</sup></b>	12th Generation Intel® Core™ i3 processor; 12th Generation Intel® Core™ i5 processor; 12th Generation Intel® Core™ i7 processor
<b>Available Processors<sup>3,4,5</sup></b>	Intel® Core™ i3-1215U with Intel® UHD Graphics (1.2 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads); Intel® Core™ i5-1235U (1.3 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads); Intel® Core™ i7-1255U (1.7 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
<b>Maximum memory</b>	32 GB DDR4-3200 MHz RAM <sup>7</sup> Slots are non customer accessible/upgradeable. Supports dual channel memory.
<b>Memory slots</b>	2 SODIMM
<b>Internal storage</b>	128 GB up to 1 TB PCIe® NVMe™ M.2 SSD <sup>8</sup> 500 GB up to 1 TB 5400 rpm SATA <sup>9</sup>
<b>Display size (diagonal, metric)</b>	43.9 cm (17.3")
<b>Display</b>	43.9 cm (17.3") diagonal, HD+ (1600 x 900), IPS, anti-glare, 250 nits, 60% NTSC; 43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC; 43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 300 nits, 72% NTSC <sup>11,15</sup>
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics; Intel® Iris® X® Graphics <sup>11,12</sup> Discrete: NVIDIA® GeForce® MX550 (2 GB DDR6 dedicated) <sup>13</sup> (Support HD Decode, DX12, and HDMI 1.4b.)
<b>Audio</b>	Dual stereo speakers, dual array microphones
<b>Wireless technologies</b>	(MU-MIMO supported)
<b>Ports and Connectors</b>	2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 Stereo headphone/microphone combo jack; 1 HDMI 1.4; 1 AC power ; (HDMI cable sold separately.)
<b>Input devices</b>	Full-size, island-style keyboard with numeric keypad and optional backlit <sup>14</sup> ; Touchpad with multi-touch gesture support;
<b>Communications</b>	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.2 combo <sup>9,10</sup> ;
<b>Camera</b>	720p HD camera with temporal noise reduction <sup>11</sup>
<b>Software</b>	HP Connection Optimizer; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Audio Switch; myHP; HP Privacy Settings; HP QuickDrop; Dropbox Promotion; HP Smart Health; HP Smart; HP PC Hardware Diagnostics Windows; <sup>16,17</sup>
<b>Security management</b>	TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); Express VPN (30 days free trial); McAfee Security (30 days free trial); LastPass password; <sup>18,19</sup>
<b>Fingerprint reader</b>	Fingerprint sensor (select models)
<b>Management features</b>	Touchpoint Customizer for Consumer
<b>Power</b>	HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter <sup>22</sup>
<b>Battery type</b>	HP Long Life 3-cell, 41 Wh Li-ion <sup>21</sup>
<b>Dimensions</b>	40.07 x 25.78 x 1.99 cm
<b>Weight</b>	Starting at 2.08 kg; (Weight will vary by configuration. Does not include power adapter.)
<b>Ecolabels</b>	EPEAT® registered configurations available <sup>24</sup>
<b>Energy star certified (series fixed)</b>	ENERGY STAR® certified
<b>Warranty</b>	HP Services offers 1-year limited warranties and 90-day software support depending on country. Batteries have a default one year limited warranty. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> .

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### Accessories and services (not included)

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#### HP Renew Business 17.3-inch Laptop Backpack



Now you can feel good about the backpack you use to protect your laptop. Designed to keep your laptop protected and accessories organized, the Renew Business 17.3-inch Laptop Backpack uses environmentally-responsible materials that are durable, easy to clean and designed for comfort.  
**Product number: 3E2U5AA**

#### HP Stereo USB Headset G2



Plug right in and get ready to speak and hear clearly all day. With noise-cancelling, comfortable design, and easy adjustment, your sound comfort will carry you from call to call without interference or frustration.  
**Product number: 428K6AA**

#### HP 655 Wireless Keyboard and Mouse Combo



Now you can get everything you want in a wireless keyboard and mouse combo – comfort, productivity, reliability and style. Customize the functions of 20+ keys<sup>1</sup> and enjoy precise mouse tracking to work faster and smarter.<sup>2</sup> This combo contains recycled materials<sup>2</sup> and they're also easy to keep clean and sanitary.<sup>3</sup>  
**Product number: 4R009AA**

#### HP Universal USB-C Multiport Hub



Unlock new possibilities with the HP Universal USB-C Multiport hub, now supporting any USB-C<sup>®1</sup> compatible PC. 7 ports, 1 power and data passthrough cable, and many peripherals to plug and play however you like. It also supports dual 4K<sup>2</sup> displays via HDMI 2.0 and 1 DisplayPort™ 1.2. This hub is all you need to stay connected.  
**Product number: 50H55AA**

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### Messaging Footnotes

- <sup>2</sup> Multi-Core 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>3</sup> Optional feature must be configured at purchase.
- <sup>4</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows) is reserved for system recovery software.
- <sup>5</sup> Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>6</sup> Full high-definition (FHD) content required to view FHD images.
- <sup>7</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.
- <sup>8</sup> Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
- <sup>9</sup> Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>10</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

### 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 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>.
- <sup>3</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>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>6</sup> In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- <sup>7</sup> Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- <sup>8</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.
- <sup>9</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.
- <sup>10</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
- <sup>11</sup> HD content required to view HD images.
- <sup>12</sup> Intel® Iris® X® Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X® Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.
- <sup>13</sup> Integrated graphics depends on processor. NVIDIA® Optimus™ technology requires an Intel processor, plus an NVIDIA® GeForce® discrete graphics configuration and is available on Windows 10 Pro OS. With NVIDIA® Optimus™ technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
- <sup>14</sup> Backlit keyboard is an optional feature.
- <sup>15</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>16</sup> HP Support Assistant requires Windows and Internet access.
- <sup>17</sup> HP Quick Drop requires Internet access and Windows 10 or higher 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.
- <sup>18</sup> 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See [www.McAfee.com](http://www.McAfee.com) for more details.
- <sup>19</sup> Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- <sup>20</sup> HP Fingerprint sensor is an optional feature that must be configured at purchase.
- <sup>21</sup> Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- <sup>22</sup> Availability may vary by country.
- <sup>23</sup> HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit <http://www.hp.com/go/cpc>. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- <sup>24</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.

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