



# HP 470 G8 Notebook PC

Big screen productivity on the go

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



HP recommends Windows 10 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 a 10th or 11th gen Intel® Core™ processor<sup>2</sup>, NVIDIA® discrete graphics<sup>2</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 webcam, and an onboard microphone. See everything clearly on the optional narrow border full HD wide-viewing angle anti-glare IPS display.<sup>3</sup>
- Help speed up demanding business applications with a 11th Gen 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 and a security lock slot.
- 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 data rate Wi-Fi 6.<sup>6,7</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>5</sup>
- The HP 470 was rigorously tested to help ensure reliability. During the HP Total Test Process, PCs experience 115,000 hours of performance trials to help get you through your business day.<sup>8</sup>

## HP 470 G8 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS
Processor family <sup>5</sup>	11th Generation Intel® Core™ processor
Available Processors <sup>2,3,4,5</sup>	Intel® Core™ i3-1115G4 with Intel® UHD Graphics (up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 2 cores); Intel® Core™ i5-1135G7 (2.4 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores); Intel® Core™ i3-1125G4 with Intel® UHD Graphics (2.0 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
Maximum memory	16 GB DDR4-3200 SDRAM <sup>6,25</sup>
Memory slots	2 SODIMM
Internal storage	up to 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory H10 <sup>7,8</sup> 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD <sup>7</sup> up to 128 GB PCIe® NVMe™ M.2 SSD TLC <sup>7</sup>
Display size (diagonal, metric)	43.9 cm (17.3")
Display	43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 72% NTSC; 43.9 cm (17.3") diagonal, HD+ (1600 x 900), TN, micro-edge, anti-glare, 250 nits, 60% NTSC <sup>12,16</sup>
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xe Graphics <sup>11,12</sup> Discrete: NVIDIA® GeForce® MX450 (2 GB DDR5 dedicated) <sup>13</sup> (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	HD audio, dual speakers, dual array microphones <sup>15</sup>
Ports and Connectors	2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 headphone/microphone combo; 1 HDMI 1.4; 1 AC power
Input devices	Full-size, island-style keyboard with numeric keypad and optional backlit <sup>14</sup> ; Touchpad with multi-touch gesture support;
Communications	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®;
Camera	720p HD camera; HP True Vision 720p HD camera <sup>12</sup>
Software	HP Support Assistant; Native Miracast support <sup>17,18</sup>
Security management	TPM 2.0; Security lock slot; Windows Defender <sup>19,20,21</sup>
Fingerprint reader	Fingerprint sensor (select models)
Power	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter <sup>22</sup>
Battery type	HP Long Life 3-cell, 41 Wh Li-ion <sup>26</sup>
Battery life	Up to 8 hours and 30 minutes <sup>27</sup>
Dimensions	40.07 x 25.78 x 1.99 cm
Weight	Starting at 2.08 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable. EPEAT® registration varies by country. See <a href="http://www.epeat.net">www.epeat.net</a> for registration status by country. <sup>24</sup>
Warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

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HP 2 year Next business day onsite  
Notebook Only Service



Receive 2 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.  
Product number: U9BA3E

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## HP 470 G8 Notebook PC

### 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 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> 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. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
- <sup>7</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>8</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 10 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>2</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>3</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>4</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>5</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>6</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>7</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- <sup>8</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
- <sup>9</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. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices.
- <sup>10</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior 802.11 specs.
- <sup>11</sup> Intel® Iris® Plus Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Plus Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.
- <sup>12</sup> UHD/HD content required to view UHD/HD images.
- <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> Supports HP Far-field Cortana and Alexa.
- <sup>16</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>17</sup> HP Support Assistant requires Windows and Internet access.
- <sup>18</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <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> Lock is sold separately.
- <sup>21</sup> Windows Defender Opt In, Windows 10, and internet connection required for updates.
- <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 [www.hp.com/go/cpc](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.
- <sup>25</sup> Maximum memory type for 11th Generation processors is DDR4-3200; maximum memory type for 10th Generation processors is DDR4-2666.
- <sup>26</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>27</sup> Windows 10 MM18 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [www.bapco.com](http://www.bapco.com) for additional details.

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April 2021

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