



# HP 250 G7 Notebook PC

Budget friendly. Business ready.

Get connected with the value-priced HP 250 Notebook PC with the latest technology and a durable chassis that helps protect the notebook. Complete business tasks with an Intel® processor<sup>2</sup> and essential collaboration tools.



HP recommends Windows 10 Pro.

## Powered for business

- Confidently complete projects with the latest technology including powerful Intel® Core™ processors<sup>2</sup>, fast memory, and storage.

## Durable mobile design

- Rest assured that the HP 250 can keep up with mobile workstyles with a thinner and lighter design. The durable chassis protects the notebook, so it looks as professional as you do.

## Well-connected

- This notebook is ready to connect to all your peripherals<sup>3</sup> and is designed to fit the needs of business with an RJ-45 port and HDMI port.
- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro to protect you from today's security threats and maximize management and productivity features for business.
- Sometimes in life, only a face-to-face conversation will do. Thanks to the optional HP HD Webcam with wide dynamic range (WDR), you always come off looking your best in bright and low light conditions.
- Boot up and access apps faster with a high-speed solid-state drive or enjoy expansive storage for digital media with a high-capacity hard drive. Get the best of both worlds with dual storage options.
- Suppress background noise including keyboard clicks with HP Noise Cancellation Software.
- Quickly connect to your wired network and peripherals in the office or at home with RJ-45 and HDMI ports. Easily back-up and move data to and from your HP 250 with the fast and convenient SD card slot.
- The firmware Trusted Platform Module (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Get fast connections with Gigabit LAN and an optional WLAN 802.11ac/Bluetooth® 4.2 combo.
- Optional AMD Radeon™ discrete graphics with up to 2GB of video memory provide an impressive visual experience on the optional FHD display.

## HP 250 G7 Notebook PC Specifications Table



<b>Available Operating Systems</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Pro (National Academic only) <sup>2</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS
<b>Processor family<sup>7</sup></b>	Intel® Celeron® processor (N4000 is Windows 10 only); Intel® Celeron® processor (N3060 is Windows 10 only); 8th Generation Intel® Core™ i7 processor (i7-8565U); 8th Generation Intel® Core™ i5 processor (i5-8265U); 7th Generation Intel® Core™ i3 processor (i3-7020U); Intel® Pentium® processor (N5000 is Windows 10 only)
<b>Available Processors<sup>3,4,5,6,7</sup></b>	Intel® Pentium® N5000 with Intel® HD Graphics 605 (1.1 GHz base frequency, up to 2.7 GHz burst frequency, 4 MB cache, 4 cores); Intel® Core™ i7-8565U with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i7+ 8565U processor (Core™ i7 and 16 GB Intel® Optane™ memory) with Intel® UHD Graphics 620 (4.1 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-8265U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i5+ 8265U processor (Core™ i5 and 16 GB Intel® Optane™ memory) with Intel® UHD Graphics 620 (3.7 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i3-7020U with Intel® HD Graphics 620 (2.3 GHz, 3 MB cache, 2 cores); Intel® Celeron® N4000 with Intel® HD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores); Intel® Celeron® N3060 with Intel® HD Graphics 400 (1.6 GHz base frequency, up to 2.48 GHz burst frequency, 2 MB cache, 2 cores)
<b>Display size (diagonal)</b>	15.6" <sup>12,16,19</sup>
<b>Maximum memory</b>	16 GB DDR4-2400 SDRAM <sup>8,29</sup>
<b>Internal storage</b>	500 GB up to 1 TB 5400 rpm SATA <sup>9</sup> up to 500 GB 7200 rpm SATA <sup>9</sup> 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>9</sup> 128 GB up to 256 GB M.2 SATA SSD <sup>9</sup>
<b>Optical drive</b>	DVD-Writer <sup>10,11,12</sup>
<b>Display</b>	15.6" diagonal HD SVA eDP anti-glare LED-backlit, 220 cd/m <sup>2</sup> , 67% sRGB (1366 x 768); 15.6" diagonal FHD SVA eDP anti-glare LED-backlit, 220 cd/m <sup>2</sup> , 67% sRGB (1920 X 1080) <sup>12,16,19</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 400; Intel® HD Graphics 620; Intel® UHD Graphics 620; Intel® UHD Graphics 605; Intel® UHD Graphics 600 <sup>16,28</sup> Discrete: NVIDIA® GeForce® MX110 (2 GB DDR5 dedicated) <sup>17</sup> (Support HD Decode, DX12, and HDMI 1.4b.)
<b>Audio</b>	Dual stereo speakers
<b>Wireless technologies</b>	Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo; Realtek 802.11b/g/n (1x1) and Bluetooth® 4.2 Combo <sup>13,14</sup> (Compatible with Miracast-certified devices.)
<b>Expansion slots</b>	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
<b>Ports and Connectors</b>	2 USB 3.1 Gen 1; 1 USB 2.0; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power (Cables are not included.)
<b>Input devices</b>	Full-size island-style keyboard with numeric keypad; Touchpad with multi-touch gesture support;
<b>Communications</b>	Integrated 10/100/1000 GbE NIC <sup>15</sup> ;
<b>Camera</b>	HP TrueVision HD Camera; HP VGA Camera <sup>12,16,18</sup>
<b>Available Software</b>	HP JumpStart; HP Support Assistant; McAfee LiveSafe™; HP Audio Switch <sup>20</sup>
<b>Security management</b>	TPM 2.0; Security lock slot <sup>21,22</sup>
<b>Power</b>	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter <sup>24,25</sup>
<b>Battery type</b>	HP Long Life 3-cell, 41 Wh Li-ion <sup>24</sup>
<b>Dimensions</b>	37.6 x 24.6 x 2.25 cm
<b>Weight</b>	Starting at 1.78 kg (Weight will vary by configuration.)
<b>Energy efficiency compliance</b>	ENERGY STAR® certified; EPEAT® Silver <sup>27</sup>
<b>Warranty</b>	HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. 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> .

## HP 250 G7 Notebook PC

### Accessories and services (not included)

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#### HP Essential Backpack



The HP Essential Backpack is a great notebook carrying solution for both students and business professionals. Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.

**Product number: H1D24AA**

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#### HP 65W Smart AC Adapter



Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up. Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.

**Product number: H6Y89AA**

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#### HP 3-year Travel Next Business Day Notebook Only Service



This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Product number: UL653E**

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## HP 250 G7 Notebook PC

### Messaging 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> 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> Sold separately or as an optional feature.
- <sup>4</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.
- <sup>5</sup> Internet connection required and sold separately.
- <sup>6</sup> Based HP internal testing of SSDs vs. HDDs.
- <sup>7</sup> Wireless access point and internet access required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.

### 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> Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- <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> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system and requires configuration with an optional Intel® Core™ (i5 or 7+) processor.
- <sup>7</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>8</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>9</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>10</sup> Unit shipped with either "DVD+/-RW SuperMulti DL" or "DVD Writer Drive". Units undergoing repairs may be returned with a "DVD+/-RW SuperMulti DL".
- <sup>11</sup> HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright protected materials. Double Layer discs can store more data than single layer discs; discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
- <sup>12</sup> Sold separately or as an optional feature.
- <sup>13</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
- <sup>14</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>15</sup> The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- <sup>16</sup> HD content required to view HD images.
- <sup>17</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>18</sup> Internet access required.
- <sup>19</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>20</sup> HP Support Assistant requires Windows and Internet access.
- <sup>21</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). 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>22</sup> Lock sold separately.
- <sup>23</sup> Windows 10 MM14 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.
- <sup>24</sup> Recharges the battery up to 90% within 90 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 90% capacity, charging will return to normal. Charging time may vary +/- 10% due to System tolerance.
- <sup>25</sup> Availability may vary by country.
- <sup>26</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>27</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options).
- <sup>28</sup> HDMI cable sold separately.
- <sup>29</sup> Dual channel memory support only for 8th and 7th Generation Intel® Core™ processors.

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