

# HP 250 G6 Notebook PC



Get connected with the value-priced HP 250 Notebook PC. Complete business tasks with Intel® technology, essential collaboration tools and Windows 10 Pro<sup>1</sup> loaded on the HP 250. The durable chassis helps protect the notebook from the rigors of the day.

HP recommends Windows 10 Pro.



## Durable mobile design

Rest assured that the HP 250 can keep up with assignments on the run. The durable chassis protects the notebook so it looks as professional as you do.

## Powered for business

Confidently complete projects with Windows 10 Pro<sup>1</sup> and the power of the latest 7th Gen Intel® Core™ i3/i5/i7, processors<sup>2</sup> with optional DDR4 Memory<sup>3</sup>.

## Extras that polish the experience

HP, a world leader in PCs helps equip you with a fully functional notebook ready to connect to all your peripherals<sup>3</sup> and designed to fit the needs of business with an RJ-45 port and a VGA port.

- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro<sup>1</sup> to protect you from today's security threats and maximize management and productivity features for business.
- The optional DVD Writer Drive<sup>5</sup> allows you to watch DVDs and create backups of your most important data.
- Sometimes in life, only a face-to-face conversation will do. Thanks to the HP's optional HD Webcam<sup>3</sup> with wide dynamic range (WDR) you always come off looking your best in bright and low light conditions<sup>6</sup>.
- Suppress background noise including keyboard clicks with HP Noise Cancellation Software.
- Quickly connect to your peripherals in the office or at home with legacy ports like an RJ-45 and a VGA port. Back-up and quickly move data to and from your HP 250 with the fast and convenient SD card slot.
- The firmware Trusted Platform Module (TPM)<sup>7</sup> provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Get fast connections with Gigabit LAN and WLAN 802.11 ac/Bluetooth® 4.2 combo<sup>3, 8</sup>.
- Get the speed and space you need without having to use external storage. Dual drive support options quickly boot, wake, and run your system on a fast SSD<sup>3</sup> and let you maintain access to your files with a high-capacity HDD<sup>3</sup>.

## HP 250 G6 Notebook PC Specifications Table



<b>Available Operating System</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Pro (National Academic License) <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS 2.0
<b>Processor Family<sup>3</sup></b>	Intel® Pentium® processor; Intel® Pentium® processor (N3710 is Windows 10 only); Intel® Celeron® processor (N4000 is Windows 10 only); Intel® Celeron® processor (N3350 is Windows 10 only); Intel® Celeron® processor (N3060 is Windows 10 only); Intel® Celeron® processor; 7th Generation Intel® Core™ i7 processor (i7-7500U); 7th Generation Intel® Core™ i5 processor (i5-7200U); 7th Generation Intel® Core™ i3 processor (i3-7100U); 7th Generation Intel® Core™ i3 processor (i3-7020U); 6th Generation Intel® Core™ i3 processor; Intel® Pentium® processor (N5000 is Windows 10 only)
<b>Available Processors<sup>2,3</sup></b>	Intel® Core™ i3-7100U with Intel® HD Graphics 620 (2.4 GHz, 3 MB cache, 2 cores) Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores) Intel® Celeron® N3350 with Intel® HD Graphics 500 (1.1 GHz base frequency, up to 2.4 GHz burst frequency, 2 MB cache, 2 cores) Intel® Core™ i3-5005U with Intel® HD Graphics 5500 (2 GHz, 3 MB cache, 2 cores) Intel® Core™ i3-6006U with Intel® HD Graphics 520 (2 GHz, 3 MB cache, 2 cores) Intel® Core™ i7-7500U with Intel® HD Graphics 620 (2.7 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores) Intel® Pentium® N3710 with Intel® HD Graphics 405 (1.6 GHz base frequency, up to 2.56 GHz burst frequency, 2 MB cache, 4 cores) Intel® Pentium® N4200 with Intel® HD Graphics 505 (1.1 GHz base frequency, up to 2.5 GHz burst frequency, 2 MB cache, 4 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® Core™ i3-7020U with Intel® HD Graphics 620 (2.3 GHz, 3 MB cache, 2 cores)
<b>Chipset</b>	Chipset is integrated with processor
<b>Maximum Memory</b>	8 GB DDR4-2133 SDRAM <sup>4</sup> (Transfer rates up to 2133 MT/s.) (Single channel support.)
<b>Internal Storage</b>	500 GB up to 1 TB SATA (5400 rpm) <sup>5</sup> 500 GB SATA (7200 rpm) <sup>5</sup> 128 GB up to 256 GB M.2 SATA SSD <sup>5</sup> 512 GB M.2 SATA SSD <sup>5</sup>
<b>Optical Drive</b>	DVD-Writer <sup>6,7</sup> (Option of no optical drive.)
<b>Display</b>	15.6" diagonal HD SVA eDP anti-glare slim WLED (1366 x 768); 15.6" diagonal FHD SVA eDP anti-glare slim WLED (1920 x 1080)
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 400; Intel® HD Graphics 405; Intel® HD Graphics 500; Intel® HD Graphics 505; Intel® HD Graphics 520; Intel® HD Graphics 5500; Intel® HD Graphics 620; Intel® UHD Graphics 605; Intel® UHD Graphics 600 <sup>11</sup> Discrete: AMD Radeon™ 520 Graphics (2 GB GDDR5 dedicated) <sup>12,13</sup>
<b>Wireless Technologies</b>	Intel® Dual Band Wireless-AC 3168 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Intel® Dual Band Wireless-AC 7265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Ralink 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo <sup>8,9</sup> (Compatible with Miracast-certified devices.)
<b>Communications</b>	GbE NIC (10/100/1000)
<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 VGA; 1 RJ-45; 1 headphone/microphone combo; 1 AC power <sup>10</sup> (HDMI cable sold separately)
<b>Input Device</b>	Full-sized island-style with numeric keypad; Touchpad with multi-touch gestures enabled. Taps enabled as default
<b>Camera</b>	HP TrueVision HD camera; HP VGA camera <sup>11,14</sup>
<b>Available Software</b>	CyberLink Power Media Player; HP ePrint; HP JumpStart; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (Sold separately) <sup>17</sup>
<b>Security Management</b>	TPM 2.0; Security lock slot (lock must be purchased separately)
<b>Power</b>	65 W AC adapter; 65 W EM Smart AC adapter; 45 W Smart AC adapter <sup>19</sup> 3-cell, 31 Wh Li-ion; 4-cell, 41 Wh Li-ion Up to 12 hours <sup>18</sup> Battery life varies depending on configuration.
<b>Dimensions</b>	14.96 x 9.99 x 0.93 in 38 x 25.38 x 2.38 cm

Weight	Starting at 4.14 lb Starting at 1.86 kg (Weight varies by configuration and components)
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Silver registered configurations available <sup>21</sup>
Warranty	HP Services offers a 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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> . <sup>20</sup>

## HP 250 G6 Notebook PC

### Accessories and services (not included)

#### HP 3005pr USB3 Port Replicator



Get online and get to work, fast, with the HP 3005pr USB3 Universal Port Replicator, which delivers device, display, and network connectivity to your Windows® or Chromebook™ notebook with one USB 3.0 cable connection—no reboot required!

**Product number: Y4H06AA**

#### HP Conferencing Keyboard



Drive your Microsoft Lync voice and video calls directly from your HP Conferencing Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys¹.

**Product number: K8P74AA**

#### HP Wireless Display Adapter



Share your content with the whole room by sending it wirelessly from your notebook, tablet or smart phone to a display or projector with the HP Wireless Display Adapter with your choice of wireless technology.

**Product number: J1V25AA**

#### HP Essential Backpack



The HP Essential Backpack is a great notebook carrying solution for both students and business professionals.

**Product number: H1D24AA**

#### HP Keyed Cable Lock 10 mm



Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks.

**Product number: T1A62AA**

#### HP 3 year Next Business Day Onsite with Accidental Damage Protection



When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day Onsite Service with Accidental Damage Protection, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.

**Product number: U9BA9E**

## 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 is not a measurement of higher performance.
- <sup>3</sup> Sold separately or as an optional feature.
- <sup>5</sup> HP DVD Writer drive is sold separately or as an add-on feature. 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>6</sup> Requires an internet connection.
- <sup>7</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>8</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> 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 higher performance.
- <sup>3</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>4</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>5</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>6</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>7</sup> Sold separately or as an optional feature.
- <sup>8</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>9</sup> 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>.
- <sup>10</sup> All cables are sold separately.
- <sup>11</sup> HD content required to view HD images.
- <sup>12</sup> AMD Dynamic Switchable Graphics technology requires an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS. With AMD Dynamic Switchable Graphics 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>13</sup> Available on select processors.
- <sup>14</sup> Internet access required.
- <sup>15</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>17</sup> Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter)). Print times and connection speeds may vary.
- <sup>18</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>19</sup> Availability may vary by country.
- <sup>20</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.
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