

Specifications

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SYSTEM FEATURES

Operating system

Windows 10 Pro 64

Processor

Intel® Core™ i5-10210U (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)

Processor footnote

[6] 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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration.

See <http://www.intel.com/technology/turboboost/> for more information.

Processor family

10th Generation Intel® Core™ i5 processor

Form factor

Standard laptop

MEMORY

Memory

8 GB DDR4-2666 SDRAM (1 x 8 GB)

Memory slots

2 SODIMM

Standard memory note

Transfer rates up to 2666 MT/s.

STORAGE

Hard drive description 256 GB PCIe® NVMe™ SSD

Storage type SSD

DISPLAY AND GRAPHICS

Display 15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC

Display footnote

[13] HD content required to view HD images.

[14] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[15] HP Sure View Reflect is sold separately or as an optional feature that must be configured at purchase.

[39] HP Sure View Reflect privacy screen is planned to be available on August 2020.

[41] Actual brightness will be lower with HP Sure View or touchscreen.

Graphics

Intel® UHD Graphics 620

Graphic card footnote 2

[16] 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).

EXPANSION FEATURES

Ports 2 USB 3.1 Type-C® with Thunderbolt™ support; 2 USB 3.1 Gen 1 (1 charging); 1 headphone/microphone combo; 1 HDMI 1.4; 1 AC power

MEDIA DEVICES

Audio features **Bang & Olufsen, dual stereo speakers, 3 multi array microphone**

Camera **720p HD camera**

INPUT DEVICES

Pointing device **Clickpad with multi-touch gesture support; Precision Touchpad with multi-touch gesture support**

Keyboard **HP Premium Keyboard – spill-resistant, full-size, optional backlit keyboard with numeric keypad**

COMMUNICATIONS

Network interface **Ethernet via HP accessories**

Wireless **Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)**

Wireless note **Miracast compatible; MU-MIMO supported**

POWER AND OPERATING REQUIREMENTS

Power **HP Smart 65 W External AC power adapter**

Power supply footnote **[18] Availability may vary by country.**

Battery type	HP Long Life 3-cell, 56 Wh Li-ion
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty.
Energy Efficiency Compliance	ENERGY STAR® certified
Environmental	Low halogen; TCO 8.0 Certified
Environmental specification footnote number	[38] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
DIMENSIONS AND WEIGHT	
Dimensions without stand (W x D x H)	35.97 x 23.38 x 1.92 cm (non-touch); 35.97 x 23.38 x 2 cm (touch)
Weight	Starting at 1.67 kg (non-touch); Starting at 1.75 kg (touch)
Weight note (metric)	Weight will vary by configuration.
SECURITY MANAGEMENT	
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3

[24] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[25] HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives.

[26] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[27] 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).

[28] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[29] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[30] HP Sure Sense requires Windows 10.

[31] HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs.

[32] HP Sure Start Gen5 is available on select HP PCs with Intel processors.

[33] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[34] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[35] HP Fingerprint Sensor sold separately or as an optional feature.

Security management footnote

SOFTWARE

Software included

HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP JumpStarts; HP WorkWell

Management features

HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4

WARRANTY AND SERVICES

Warranty

3 years standard parts, labor and on-site limited warranty (3-3-3), depending on country (upgrades available). 1 year limited warranty on primary battery.

Warranty footnote

[36] 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. 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.

Services (Care Pack)

Provides Next Business Day Onsite service for Notebook user in major geographies of the world for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc