

HARDWARE

Feature	Specifications
Series name	HP 15.6 inch Laptop PC 15-fd0000
Release month and year	March 2023
Processor options	<ul style="list-style-type: none"><li>Intel® Core™ i7-1360P (up to 5.0 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 12 cores, 16 threads)</li><li>Intel® Core™ i5-1340P (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 16 threads)</li><li>Intel® Core™ i7-1355U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)</li><li>Intel® Core™ i5-1335U (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)</li><li>Intel® Core™ i3-1315U (up to 4.5 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads)</li><li>Intel® Core™ i3-N305 (up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 8 cores, 8 threads)</li><li>Intel® Processor N200 (up to 3.7 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads)</li><li>Intel® Processor N100 (up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads)</li></ul>
Chipset	Intel® Integrated SoC
Memory, standard	Dual Channel Memory support (for Core™ i7-1355U, i5-1335U, i3-1315U processors only)  (2) SODIMM slots (for Core™ i7-1355U, i5-1335U, i3-1315U processors only)  (1) SODIMM slot  Maximum memory supported: 16 GB
Memory configuration options	<ul style="list-style-type: none"><li>16 GB DDR4-3200 MHz RAM (2 x 8 GB)</li><li>12 GB DDR4-3200 MHz RAM (1 x 4 GB and 1 x 8 GB)</li><li>8 GB DDR4-3200 MHz RAM (2 x 4 GB)</li><li>8 GB DDR4-3200 MHz RAM (1 x 8 GB)</li><li>4 GB DDR4-3200 MHz RAM (1 x 4 GB)</li></ul>
Graphics (integrated)	Intel® Iris® X <sup>e</sup> Graphics <div><b>NOTE:</b> Intel® Iris® X<sup>e</sup> Graphics capabilities require that the notebook must be configured with Intel® Core i5 or i7 processors and Dual Channel Memory. Intel® Iris® X<sup>e</sup> Graphics with Core i5 or i7 processors and single channel memory only functions as Intel® UHD Graphics.</div> Intel® UHD Graphics

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Graphics (discrete)	<div>NVIDIA® GeForce® MX550 (2 GB GDDR6 dedicated)</div> <div><b>NOTE:</b> Available only with Core™ i7-1355U processor.</div>
Storage options	<ul style="list-style-type: none"><li>1 TB PCIe® NVMe™ Value M.2 Solid-State Drive</li><li>512 GB PCIe® NVMe™ Value M.2 Solid-State Drive</li><li>256 GB PCIe® NVMe™ Value M.2 Solid-State Drive</li><li>128 GB PCIe® NVMe™ Value M.2 Solid-State Drive</li></ul> 128 GB UFS (available only with select models)
Optical drive	Optical drive not included
Nontouchscreen display panel options	<ul style="list-style-type: none"><li>39.6 cm (15.6 in) diagonal, FHD, IPS, micro-edge, antiglare, Low Blue Light, 300 nits, 100% sRGB (1920 x 1080)</li><li>39.6 cm (15.6 in) diagonal, FHD, IPS, micro-edge, antiglare, 250 nits, 45% NTSC (1920 x 1080)</li><li>39.6 cm (15.6 in) diagonal, FHD, micro-edge, antiglare, 250 nits, 45% NTSC (1920 x 1080)</li><li>39.6 cm (15.6 in) diagonal, HD, micro-edge, BrightView, 250 nits, 45% NTSC (1366 x 768)</li><li>39.6 cm (15.6 in) diagonal, HD, micro-edge, antiglare, 250 nits, 45% NTSC (1366 x 768)</li></ul> Flicker-free 16:9 Aspect Ratio
Touchscreen display panel option	<ul style="list-style-type: none"><li>39.6 cm (15.6 in) diagonal, FHD, touchscreen, IPS, micro-edge, BrightView, 250 nits, 45% NTSC (1920 x 1080)</li><li>39.6 cm (15.6 in) diagonal, HD, touchscreen, micro-edge, BrightView, 250 nits, 45% NTSC (1366 x 768)</li></ul> Flicker-free 16:9 Aspect Ratio
Wireless card options	<ul style="list-style-type: none"><li>Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.3 combo (supporting gigabit data rate)</li><li>Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card</li><li>MediaTek Wi-Fi 6E MT7902 (1x1) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)</li></ul> Supports Modern Standby (Connected)
External ports	(2) USB 3.2 Gen 1.0 Type-A ports; SuperSpeed 5 Gbps signaling rate (one on each side) (1) USB 3.2 Gen 1.0 Type-C port; SuperSpeed 5 Gbps signaling rate (data transfer only; charging or external monitors not supported) (1) HDMI v1.4b port (1) Headphone/microphone combo port (1) AC Smart pin adapter plug
Minimum dimensions (W x D x H)	35.98 x 23.6 x 1.86 cm
Weight	Starting at 1.6 kg <div><b>NOTE:</b> Weight varies by configuration and components.</div>

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Power supply type options	<ul style="list-style-type: none"><li>45 W Smart AC power adapter</li><li>65 W Smart AC power adapter</li></ul> <div><b>NOTE:</b> Availability varies by country/region.</div>
Battery type	<p>3-cell Li-ion Polymer Battery: 41 Wh</p> <div><b>NOTE:</b> Actual battery Watt-hours (Wh) varies from design capacity. Battery capacity naturally decreases with shelf life, time, usage, environment, temperature, system configuration (apps, features, power management settings, wireless), and other factors.</div> <p>Supports battery fast charging (50% charged in 45 minutes)</p> <div><b>NOTE:</b> Recharges your battery up to 50% within 45 minutes when the system is off. After charging reaches 50% capacity, charging speed returns to normal. Charging time might vary +/-10% due to system tolerance.</div>
Keyboard	<p>Full-size with numeric keypad</p> <div><b>NOTE:</b> Backlit keyboard available on select models.</div>
Webcam	<ul style="list-style-type: none"><li>HP True Vision 720p HD Camera with temporal noise reduction and integrated dual array-digital microphones</li><li>HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones</li></ul> <p>Supported audio software:</p> <p>Beam forming</p> <p>Echo cancellation</p> <p>Noise suppression</p>
Audio	<p>HP Audio Center (audio control panel)</p> <p>Dual Speakers</p>