

# HP EliteBook 640 14 inch G11 Notebook PC

## Empowering the hybrid workforce

The right AI-enhanced PC is essential for any large workforce. The secure and easy to manage HP EliteBook 640 provides a wide range of configurable performance and collaboration features that allow for easy standardization within existing IT environments.

### Enterprise performance improvements

See more vertical content in a surprisingly small footprint on the 16:10 ratio display that reduces the need to scroll. Enjoy port arrangements, including two USB-C® ports, in user friendly locations that allow for a thin chassis design.

### Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>3</sup>

### Make connections that matter

Let your audience see you clearly with a hybrid work-ready optional 5MP IR camera.<sup>4</sup> Enjoy crystal-clear audio from AI Noise Reduction<sup>6</sup> and speakers tuned by Poly Studio.



\*Product image may differ from actual product

## Sustainability in action

### Help protect our shared future

Responsible design brings non-backlit keycaps that contain 80-percent post-consumer recycled plastic<sup>7</sup> (PCR) and a resin containing 5-percent ocean-bound expanded polystyrene.<sup>7</sup> Optional backlit keycaps<sup>4</sup> contains 50-percent PCR plastic.<sup>7</sup>



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## Featuring

### Easy battery management

Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.<sup>6</sup>

### Energy consumption meter

Utilize the Energy Consumption Meter that provides power usage tracking<sup>10</sup> and suggestions to reduce energy use, representing the latest in responsible design from HP.

### All at your fingertips

A creative powerhouse that inspires. Take on big projects utilizing multiple applications with the latest Intel® processor<sup>2</sup> and up to 64GB DDR5 memory.<sup>11</sup>

### Speed up the basics of IT management

Help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Endpoint Manager with the HP Manageability Integration Kit.<sup>13</sup>

### Crisp and clear collaboration

AI Noise Reduction<sup>6</sup> improves collaboration by applying industry-leading noise-filtering technology to all audio input—suppressing incoming and outgoing background noise—providing an enhanced audio-conferencing experience.

### Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start<sup>14</sup>, the self-healing BIOS that automatically recovers itself from attacks or corruption.

### Keep your PC's security protections in place

Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run<sup>15</sup> which identifies, quarantines, and provides reporting on attackers trying to kill processes.

### Keep visual hackers at bay

Stop shoulder surfers in their tracks with optional HP Sure View<sup>16</sup> that you can quickly activate with one keystroke. When activated, Sure View reduces visual light making it unreadable when the screen is viewed from the side.

### Recovery simplified

HP Sure Recover ensures fast, secure, and automated recovery of the OS over LAN or Wi-Fi® from advanced malware attacks. End users can now pause or retry if the connection is lost<sup>17</sup> and it's corporate image ready for fleet deployments.



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## Technical specifications

<b>Available Operating Systems</b>	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home - HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language - HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> FreeDOS
<b>Processor family<sup>5</sup></b>	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
<b>Available Processors<sup>2,3,4,5,12</sup></b>	Intel® Core™ Ultra 7 165H (Up to 3.8 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155H (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads) Intel® Core™ Ultra 5 135H (Up to 3.6 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125H (up to 3.6 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads) Intel® Core™ Ultra 7 165U (Up to 3.8 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155U (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 135U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads)
<b>Neural Processing Unit</b>	Intel® AI Boost
<b>Maximum memory</b>	64 GB DDR5-5600 MT/s RAM; (Transfer rates up to 5600 MT/s.) Dual channel support. <sup>6</sup>
<b>Memory slots</b>	2 SODIMM
<b>Internal storage</b>	512 GB PCIe® Gen4x4 NVMe™ M.2 SSD TLC <sup>7</sup> 512 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC <sup>7</sup> 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>7</sup>
<b>Display size (diagonal, metric)</b>	35.6 cm (14")
<b>Display<sup>14,15,16,17,18</sup></b>	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, BrightView, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC
<b>Available Graphics</b>	Integrated: Intel® Arc™ Graphics; Intel® Graphics <sup>19,44</sup> Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 2.1.)
<b>Audio</b>	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
<b>Ports and connectors</b>	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45 ; (HDMI cable sold separately); Optional Ports: 1 Smartcard reader (optional)
<b>Input devices</b>	Spill-resistant, optional backlit keyboard with DuraKeys <sup>51</sup> ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad
<b>Communications</b>	(Compatible with Miracast-certified devices. <sup>9</sup> ); Intel® I219-LM GbE, vPro®; Intel® I219-V GbE, non-vPro® <sup>12</sup> ; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Qualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro; NFC Mirage WNC XRAV-1 <sup>6,12</sup>
<b>Camera</b>	5 MP camera; IR Camera (select models); FHD camera (select models) <sup>14</sup>
<b>Software</b>	Adobe offer; Buy Office; HP Connection Optimizer; HP MAC Address Manager; Copilot in Windows with Copilot key <sup>48</sup> ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager <sup>43</sup> ; HP Privacy Settings; HP Services Scan <sup>42</sup> ; HP Smart Support <sup>57</sup> ; HP Support Assistant <sup>21</sup> ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP; Miro offer <sup>22</sup>
<b>Security management</b>	HP Client Security Manager; HP Sure Admin <sup>27</sup> ; HP Sure Click <sup>28</sup> ; HP Sure Recover Gen6 <sup>29</sup> ; HP Sure Run Gen5 <sup>30</sup> ; HP Sure Sense; HP Sure Start Gen7 <sup>31</sup> ; HP Tamper Lock <sup>20</sup> ; Secured-Core PC Enable <sup>32</sup> ; TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified); Absolute Persistence Module <sup>33</sup> ; BIOS Update via Network; HP BIOSphere Gen6 <sup>34</sup> ; HP DriveLock and Automatic DriveLock; HP Secure Erase <sup>35</sup> ; HP Wake on WLAN; Windows Hello Enhanced Sign-in Security (ESS) Enable; Security lock slot <sup>40</sup>
<b>Security Software Licenses</b>	HP Wolf Pro Security Edition <sup>56</sup>
<b>Fingerprint reader</b>	Fingerprint sensor (select models)



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## Technical specifications

<b>Management features</b>	HP Client Catalog (download); HP Cloud Recovery <sup>23</sup> ; HP Connect for Microsoft Endpoint Manager <sup>24</sup> ; HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Kit (download) <sup>25</sup> ; HP Patch Assistant (download) <sup>26</sup>
<b>Memory card device</b>	1 nano SIM (optional)
<b>Power</b>	65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen-free adapter <sup>39</sup>
<b>Battery type</b>	HP Long Life 3-cell, 56 Wh Li-ion polymer <sup>37</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. <sup>38</sup>
<b>Battery life</b>	Up to 16 hours and 13 minutes
<b>Dimensions</b>	31.86 x 22.44 x 1.09 cm (front); 31.86 x 22.43 x 1.7 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.); 2.71 x 17.67 x 12 in 6.9 x 44.9 x 30.5 cm (Package)
<b>Weight</b>	Starting at 1.39 kg; (Weight will vary by configuration. Does not include power adapter.)
<b>Ecolabels</b>	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S. <sup>46</sup>
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Certification and compliance</b>	GS Mark; CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHS
<b>Sustainable impact specifications</b>	Low halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 50% recycled metal <sup>45,47,49,50</sup>
<b>Warranty</b>	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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 Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu

## Powerfully designed to connect

Plug into more possibilities with the HP Series 5 Pro 23.8" FHD USB-C Monitor. Its sleek, modern design gives you crisp, stunning visuals and enhanced 100W power delivery with a single cable connection that seamlessly connects to PCs and peripherals at home or in the office.



\*Product image may differ from actual product



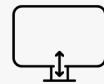
### Your center of productivity

Get more done with your unique hub for unstoppable productivity. Connect any device<sup>3</sup> with a single USB-C® cable for strong 100W power delivery. See your work elevated in smooth, crisp detail with 100 Hz refresh rate<sup>1</sup>, while also experiencing vibrant, consistent colors with 100% sRGB<sup>1</sup> and HP Progressive White Balance<sup>2</sup>.



### Designed to work beautifully together

Transform your space into a seamless workplace. The 3-sided borderless with micro-edge bezel design lets you see more than ever. Daisy-chain<sup>4</sup> another HP Series 5 Pro monitor<sup>5</sup> for a perfect dual display setup with next-level productivity.



### Take control of your comfort

Find a way to feel your best all day with 4-way adjustability optimized by the step-by-step Ergonomic Setup Guide<sup>6</sup> in HP Display Center<sup>7</sup>. Keep your eyes comfortable with HP Eye Ease by reducing blue light without impacting color.

## Sustainability in action

### Materials that make an impact

This energy-efficient monitor is thoughtfully designed with at least 90% recycled plastic content<sup>8</sup>, 20% recycled glass in the monitor panel<sup>10</sup>, and 90% recycled aluminum in the stand<sup>9</sup>. Plus, 100% of the paper-based packaging is sustainably sourced<sup>11</sup>.



# HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu

## Featuring



### FHD Resolution

Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 23.8" diagonal monitor.<sup>1</sup>

### IPS Technology

No matter where you are or sit, IPS technology ensures image accuracy and consistency across wide 178-degree horizontal and vertical viewing angles.<sup>1</sup>

### 100 Hz Refresh Rate

With a 100 Hz refresh rate this monitor is capable of clear details, smoothly moving from frame to frame, allowing for fast split-second reaction time.<sup>1</sup>

### More Contrast

See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.<sup>1</sup>

### High Brightness

350 nits of brightness lets you see clearly. Enhance your visual performance for work or simply enjoying entertainment.<sup>1</sup>

### 100% sRGB Color Gamut

Enjoy highly accurate colors on screen with 100% sRGB. This HP monitor provides ideal color reproduction with minimal effort.<sup>1</sup>

### Progressive White Balance

Work better with content that looks the same on both screens. Progressive White Balance is an HP technology that provides consistent white-point matching from screen-to-screen.<sup>2</sup>

### USB-C® Connectivity

Keep your set up simple and seamless with a display that has everything built in. Connect a keyboard and mouse to the ports on the back of this monitor and only one USB-C® cable to your notebook for data, video, and up to 100W of charging.

### Daisy-Chain a Second HP Series 5 Pro Monitor

Display even more with DisplayPort™ by daisy-chaining a second HP Series 5 Pro monitor for the perfect dual-display setup.<sup>4,5</sup>

### More Ports. More Power. Easily Accessible.

Packed with ports including full-function USB-C®, HDMI 2.0, DisplayPort™ 1.4, USB-C® downstream, plus 3 USB-A 3.2 ports.<sup>12</sup>

### Sleek Design, Clean Space

See and do more on your screen with a 3-sided borderless with micro-edge bezel design that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

### Endless Adjustability

With 4-way adjustability you can customize pivot, tilt, height adjust, and swivel settings to fit you, your desk, and your needs.

### Always-on, True Color, Low-Blue Light Filter

HP Eye Ease is an always-on, low-blue light filter that helps keep your eyes comfortable throughout the day by reducing blue light without impacting color accuracy or adding a yellow color shift.

### Ergonomic Setup Guide

With world-class ergonomic practices at your fingertips, you have the knowledge to fine-tune your display's 4-way adjustability to achieve optimal comfort, all day, thanks to the step-by-step Ergonomic Setup Guide in HP Display Center.<sup>6,7</sup>

### HP Display Center

Customize your monitor with the intuitive HP Display Center that lets you tailor your settings, partition screens, and more—all through the host PC. Plus, learn how to find your perfect posture with help from the included HP Ergonomic Setup Guide.<sup>6,7</sup>

### Remote Management Reimagined

HP Client Management Script Library (CMSL) makes remote manageability easy to use. This powerful solution works seamlessly with Intune/SCCM to manage your display fleet using PowerShell.<sup>13</sup>

### Single Power On

Instantly turn on your display and PC, even when the lid is closed, by pressing the power button on the bottom of the display.<sup>14</sup>

### Increased Energy Efficiency

HP is committed to helping protect our shared future by minimizing the energy our monitors consume to help reduce energy demand. This monitor is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Gold Registration.<sup>15</sup>



# HP Series 5 Pro 23.8 inch FHD USB-C Monitor

## - 524pu

### Specifications

#### Display specifications

**Display size**  
23.8"<sup>1</sup>

**Display size (diagonal, metric)**  
60.5 cm (23.8")

**Viewable diagonal size**  
23.8" (60.47 cm)

**Aspect ratio**  
16:9<sup>1</sup>

**Curvature**  
Flat

**Native resolution**  
FHD (1920 x 1080)<sup>1,2</sup>

**Resolution (maximum)**  
FHD (1920 x 1080 @ 100 Hz)<sup>1</sup>

**Resolutions supported**  
640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1280 x 1024 @ 75 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 75 Hz

**Panel type**  
IPS<sup>1</sup>

**Bezel**  
3-sided micro-edge

**Panel active area**  
52.70 x 29.65 cm

**Panel bit depth**  
8 bit (6 bit + FRC)<sup>1</sup>

**Display colors**  
Up to 16.7 million colors supported<sup>1,3</sup>

**Display color gamut**  
100% sRGB

**Refresh rate (maximum)**  
100 Hz<sup>1</sup>

**Display scan frequency**  
50-100 Hz (Vertical)<sup>1</sup> 30-115 kHz (Horizontal)<sup>1</sup>

**Response time**  
5ms GTG (with overdrive)

**Brightness**  
350 nits<sup>1</sup>

**Contrast ratio**  
1500:1 (Static)<sup>1</sup> 10000000:1 (Dynamic)<sup>1</sup>

**Pixel pitch**  
0.28 x 0.28 mm<sup>1</sup>

**Pixels per inch (ppi)**  
93 ppi<sup>1</sup>

**Viewing angle**  
178° (Vertical) 178° (Horizontal)

**Backlight type**  
Edge-lit; WLED

**Backlight lamp life**  
30,000 hours

**Display features**  
Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; Daisy chain<sup>13</sup>

**Display User Control Options**  
Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit

**Management software**  
HP Display Center; HP Client Management Script Library<sup>6</sup>

**Remote manageability**  
In-Band MAC Address Pass Through (MAPT); Out-of-Band MAC Address Pass Through (MAPT); In-Band Wake on LAN (WoL); Out-of-Band Wake on LAN (WoL); PXE Boot; Through HP Client Management Script Library<sup>13</sup>

**Low blue light modes**  
Yes, HP Eye Ease (TUV Low Blue Light Hardware Solution certified)<sup>1</sup>

**Flicker-free**  
Yes

**Screen treatment**  
Anti-glare

**Hardness**  
3H<sup>1</sup>

**Haze**  
25%

**VESA mount**  
100 x 100 mm

**Height adjustment range**  
150 mm

**Tilt**  
-5 to +23°

**Swivel**  
±45°

**Pivot**  
±90°

#### Connectivity and communications

**Port and connectors**  
1 HDMI 2.0  
1 DisplayPort™ 1.4  
1 DisplayPort™ 1.4-out  
1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)  
1 USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)  
3 USB Type-A 5Gbps signaling rate (1 charging)  
1 RJ-45 (10/100/1000 Mbps)

**HDCP**  
Yes, DisplayPort™, HDMI and USB Type-C®

**Power supply**  
100 - 240 VAC 50/60 Hz (Internal)

**Power consumption**  
198 W (maximum), 22 W (typical), 0.5 W (standby)

#### Logistics and Physical

**Product color**  
Jet black

**Stand color**  
Jet black; Natural silver

**Detachable stand**  
Yes

**Physical security**  
Security lock-ready<sup>5</sup>

**Base area footprint**  
24.2 x 18.95 cm

**Dimensions without Stand (W x D x H)**  
53.94 x 4.72 x 31.43 cm (without stand)

**Dimensions with stand (W x D x H)**  
53.94 x 18.95 x 50.32 cm

**Weight**  
5.93 kg (with stand)

**Packaged Dimensions (W x D x H)**  
62.1 x 14 x 39.3 cm

**Packaged weight**  
8.42 kg

#### Certification and compliance

**Energy efficiency**  
ENERGY STAR® certified

**Ecolabels**  
TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+<sup>7</sup>

**Environmental specifications**  
Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; At least 40% recycled metal including 90% recycled aluminum in the stand<sup>8,9,10,11</sup>

**Certifications**  
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL Grade 1; cTUVus; EAC; FCC; ICES; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; California Energy Commission (CEC); UAE; Ukraine certificates; TÜV Flicker free certified; NRCS; PSE; GS; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; Korea MEPS; Australian-New Zealand DoC; EMF

**Microsoft WHQL certification**  
Windows 11; Windows 10

**Operating temperature range**  
41 to 95°F

**Operating humidity range**  
20 to 80% RH (non-condensing)

**Non-operating humidity range**  
5 - 95%

#### Additional information

**Manufacturer Warranty**  
HP three-year limited warranty

**What's in the box**  
Warranty card; AC power cable; Quick Setup Poster; 1 USB Type-C® to Type-C cable<sup>4</sup>

**Country of origin**  
Made in China



Data sheet

# HP 235 Wireless Mouse and Keyboard Combo



## A well designed wireless keyboard and mouse combo built for comfort and quiet

Experience a keyboard and mouse combo that's comfortable, sleek and quiet. With a chiclet keyboard and durable mouse design, you can work efficiently and quietly. Enjoy a clutter-free environment and the freedom to roam with a 2.4GHz wireless connection.<sup>1</sup> Plus, with keyboard shortcuts and long-lasting batteries, you can work productively all day long.

### Stylish design with comfort in mind

The chiclet keyboard design lets you enjoy comfortable, more accurate typing with less noise.

### Comfort meets durability

Handle any task with this durably designed mouse that's built for comfort.

### Free yourself from wires

Reduce clutter and enjoy the freedom to move around lag-free with a 2.4GHz wireless connection<sup>1</sup>.

### Productivity at your fingertips

Increase productivity with a keyboard that easily activates all 12 function keys with just one click.

### Just 1 set of batteries. Up to 16 months of power

Serious battery life with a keyboard that lasts up to 16 months and a mouse that lasts up to 12 months<sup>2</sup>.

### Speed meets precision

Be more agile in your mouse movements with up to 1600 DPI.

1. Wireless connectivity up to 32.8ft (10m).

2. Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.



## Specifications



### HP 235 Wireless Mouse and Keyboard Combo

<b>Part number</b>	1Y4D0AA	
<b>Dimensions</b> (L x W x H)	Keyboard: 17.32 x 5.76 x 1.09 in (440 x 146.2 x 27.6 mm) Mouse: 2.49 x 4.53 x 1.43 in (63.3 x 115 x 36.2 mm)	
<b>Weight</b>	Keyboard: 1.09 lb (0.495 kg) Mouse: 0.14 lb (0.063 kg)	
<b>Connectivity</b>	2.4 GHz	
<b>Wireless connection encryption</b>	Secure 128-bit (AES) encryption between device and receiver	
<b>Interface</b>	USB	
<b>Keyboard</b> (only)	<b>System requirements</b>	Windows 10 (64 and 32 bit), Windows 11
	<b>Approvals</b>	FCC ICES CULus CE GS EAC Ukraine India BIS KCC RCM BSMI VCCI
<b>What's in the box</b>	Keyboard, Mouse, Nano Dongle, 2 x AAA batteries, 1 x AA battery, Product Notice, Warranty Card	
<b>Warranty</b>	One-year limited warranty	
<b>Country of origin</b>	China	

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# HP LaserJet Enterprise MFP M635 series

This HP LaserJet MFP with JetIntelligence combines performance, energy efficiency, and security.<sup>1</sup>

This HP LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.<sup>1</sup>



HP LaserJet Enterprise MFP M635h

## The world's most secure printing<sup>1</sup>

- With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>2</sup>
- Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.



HP LaserJet Enterprise MFP M635ft

## High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This MFP wakes up and prints your first page fast—in as quickly as 8 seconds.<sup>4</sup>
- This MFP uses low amounts of energy thanks to its innovative design and toner technology.
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.

## Performance and protection you can count on

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.<sup>5</sup>



HP LaserJet Enterprise Flow MFP M635z

## Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 150 pages into the automatic document feeder for fast, unattended scanning.

# HP Web Jetadmin



TAKE THE HASSLE  
OUT OF FLEET  
MANAGEMENT WITH  
ONE SOFTWARE  
SOLUTION

Count on an award-winning, industry-leading, print management solution that can help improve productivity and reduce operation costs. Easy-to-use HP Web Jetadmin<sup>1</sup> offers a simple interface to install, configure, troubleshoot, and manage both HP and non-HP networked and PC-connected print devices.



## Product walkaround



HP LaserJet Enterprise Flow MFP M635z shown

## Series at a glance



	MFP M635h	MFP M635ft	Flow MFP M635z
Part number	7PS97A	7PS98A	7PS99A
Print speeds (A4) <sup>2</sup>	Up to 61 ppm	Up to 61 ppm	Up to 61 ppm
HP High Performance Secure Hard Disk	✓	✓	✓
Fax capabilities	Optional	✓	✓
100-sheet tray 1, 550-sheet tray 2	✓	✓	✓
550-sheet paper feeder <sup>3</sup>	Optional (up to four)	Optional (up to one)	Optional (up to one)
1x550-sheet paper feeder with stand and cabinet <sup>3</sup>	Optional	✓	Not available
3x550-sheet paper feeder and stand <sup>3</sup>	Optional	Not available	Not available
1x550 and 2,000-sheet HCI feeder and stand <sup>3</sup>	Optional	Not available	✓
Envelope feeder	Optional (up to two)	Optional (up to one)	Optional (up to one)
3-bin stapler/stacker with job offset	Not available	Not available	✓
Advanced workflow features, including pull-out keyboard <sup>4</sup>	Not available	Not available	✓
Direct mobile printing	Optional wireless direct <sup>5</sup> / NFC <sup>6</sup>	Optional wireless direct <sup>5</sup> / NFC <sup>6</sup>	Optional wireless direct <sup>5</sup> / NFC <sup>6</sup>
Wireless networking	Optional <sup>7</sup>	Optional <sup>7</sup>	Optional <sup>7</sup>

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

<sup>2</sup> Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>3</sup> The HP LaserJet Enterprise MFP M635ft and Flow M635z models can add up to one additional optional 550-sheet paper feeder. The M634dn, M635h, and M636fh can add up to four additional optional 550-sheet paper feeders; or, they can add one of the other optional accessories (1x550-sheet paper feeder with stand and cabinet, 3x550-sheet paper feeder and stand, or 1x550 and 2,000-sheet HCI feeder and stand) and up to one additional optional 550-sheet paper feeder.

<sup>4</sup> The pull-out keyboard and HP EveryPage are only available on the HP LaserJet Enterprise Flow MFP M635z model.

<sup>5</sup> All models can add wireless direct printing with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a wireless direct supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance.

<sup>6</sup> Touch-to-print capability is optional for all models with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting).

<sup>7</sup> All models can add wireless networking with the purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

## HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

### Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

### Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

### Basic Care (minimum recommended support):

Next Business Day Onsite Support

### 4 hour Onsite Support:

Onsite support within four hours after a service call received within the coverage window

### Next Business Day Onsite Support:

Onsite service the next business day after the service call is received

### Maintenance Kit Replacement Service:

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

### Installation with Network Configuration Service:

Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit [hp.com/go/printerservices](http://hp.com/go/printerservices)



Windows 10



HP Care Pack

## Top features

Only HP Enterprise MFPs repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.<sup>1</sup>

With speeds of up to 65 pages per minute,<sup>3</sup> fast first page out, and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Help protect your printer using Original HP Toner cartridges with JetIntelligence.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm<sup>6</sup>—and avoid extra steps with a Flow MFP designed for maximum productivity.

### Product

<b>7PS97A</b>	HP LaserJet Enterprise MFP M635h
<b>7PS98A</b>	HP LaserJet Enterprise MFP M635fht
<b>7PS99A</b>	HP LaserJet Enterprise Flow MFP M635z

### Accessories

<b>2EH31A</b>	HP MFP Analog Fax Accessory 700
<b>3JN69A</b>	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
<b>4QL32A</b>	HP Legic Secure USB Reader
<b>5UT59A</b>	HP MFP Analog Fax Accessory 701
<b>B5L28A</b>	HP Internal USB Ports
<b>B5L31A</b>	HP Foreign Interface Harness
<b>E5K49A</b>	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
<b>J8031A</b>	HP Jetdirect 2900nw Print Server
<b>J8J89A</b>	HP LaserJet 550-sheet Feeder Tray
<b>J8J90A</b>	HP LaserJet Envelope Feeder
<b>J8J91A</b>	HP LaserJet 1x550 Paper Feeder and Cabinet
<b>J8J92A</b>	HP LaserJet 1x550-sheet and 2000-sheet HCI Feeder and Stand
<b>J8J93A</b>	HP LaserJet 3x550-sheet Paper Feeder with Cabinet
<b>X3D03A</b>	HP Universal USB Proximity Card Reader
<b>Y7C05A</b>	HP HIP2 Keystroke Reader

### Supplies

<b>J8J95A</b>	HP 300 ADF Roller Replacement Kit (150,000 pages)
<b>J8J96A</b>	HP Staple Cartridge Refill (5,000 staples)
<b>J8J87A</b>	HP LaserJet 110v Maintenance Kit (225,000 pages)
<b>J8J88A</b>	HP LaserJet 220v Maintenance Kit (225,000 pages)
<b>W1470A</b>	HP 147A Black Original LaserJet Toner Cartridge (10,500 pages)
<b>W1470X</b>	HP 147X High Yield Black Original LaserJet Toner Cartridge (25,200 pages)
<b>W1470Y</b>	HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (42,000 pages)

### HP Care Packs

<b>U9NK0E</b>	HP 3 Year Next Business Day HW Support W/Defective Media Retention
<b>U9NK1E</b>	HP 4 Year Next Business Day HW Support W/Defective Media Retention
<b>U9NK2E</b>	HP 5 Year Next Business Day HW Support W/Defective Media Retention
<b>U9NK3E</b>	HP 3 Year 4 Hour 9x5 HW Support W/Defective Media Retention
<b>U9NK4E</b>	HP 4 Year 4 Hour 9x5 HW Support W/Defective Media Retention
<b>U9NK5E</b>	HP 5 Year 4 Hour 9x5 HW Support W/Defective Media Retention
<b>U9NL2E</b>	HP 3 year Next Business Day Parts Exchange Service
<b>U9NL3E</b>	HP 4 year Next Business Day Parts Exchange Service
<b>U9NL4E</b>	HP 5 year Next Business Day Parts Exchange Service
<b>U9NL8PE</b>	HP 1 Year Post Warranty NBD HW Support w/Defective Media Retention
<b>U9NL9PE</b>	HP 2 Year Post Warranty NBD HW Support w/Defective Media Retention
<b>U9NM0PE</b>	HP 1 Year Post Warranty 4 Hour 9x5 Hardware Support W/DMR
<b>U9NM1PE</b>	HP 2 Year Post Warranty 4 Hour 9x5 Hardware Support W/DMR
<b>U9NM6PE</b>	HP 1 Year Post Warranty NBD Parts Exchange Service

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

### Paper

<b>4WM80A</b>	HP CHP113 Office Paper-2500 sht/A4/210 x 297 mm
<b>4WM81A</b>	HP CHP150 Home and Office Paper-500 sht/A4/210 x 297 mm
<b>4WM82A</b>	HP CHP650 Everyday Paper 75 gsm-500 sht/A4/210 x 297 mm
<b>4WM83A</b>	HP CHP755 Color Choice Paper 200 gsm-250 sht/A4/210 x 297 mm
<b>4WM84A</b>	HP CHP855 Premium Paper 80 gsm-250 sht/A4/210 x 297 mm
<b>4WM85A</b>	HP CHP910 Copy Paper 80 gsm 500 sht/A4/210 x 297 mm

Contact HP via phone: Asia: 65 6253 8500

### Solutions

HP Web Jetadmin: [hp.com/go/wja](http://hp.com/go/wja)

HP Universal Print Driver: [hp.com/go/upd](http://hp.com/go/upd)

HP Imaging and Printing Security Center: [hp.com/go/ipsc](http://hp.com/go/ipsc)

## HP LaserJet Enterprise MFP M635 series

Model	HP LaserJet Enterprise MFP M635h	HP LaserJet Enterprise MFP M635ftt	HP LaserJet Enterprise Flow MFP M635z
Product number	7PS97A	7PS98A	7PS99A
Functions	Print, copy, scan, optional fax	Print, copy, scan, fax	
<b>Print</b>			
Duplex print options	Automatic (standard)		
Print speed	<b>Black (A4, normal):</b> Up to 61 ppm; <b>Black (letter, normal):</b> Up to 65 ppm; <b>Black (A4, duplex):</b> Up to 50 ipm; <b>Black (letter, duplex):</b> Up to 53 ipm		
First page out <sup>8</sup>	<b>Black (A4, ready):</b> As fast as 5.2 sec; <b>Black (A4, sleep):</b> As fast as 8.1 sec in mm		<b>Black (A4, ready):</b> As fast as 5.2 sec; <b>Black (A4, sleep):</b> As fast as 12.2 sec
Print technology	Laser		
Print resolution	<b>Black (best)</b> Up to 1200 x 1200 dpi; <b>Black (normal)</b> FastRes 1200; <b>Black (fine lines)</b> Up to 1200 x 1200 dpi		
Print resolution technology	Normal FastRes 1200, Fine Lines (1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)		
Print cartridges number	1 (black)		
Standard print languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™		
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);		
<b>Scan</b>			
Scan technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Charge Coupled Device (CCD)		
Scan speed <sup>11</sup>	<b>Normal (A4):</b> Up to 69 ppm (b&w), up to 69 ppm (color)		<b>Normal (A4):</b> Up to 83 ppm (b&w), up to 83 ppm (color)
Scan resolution	<b>Enhanced:</b> Up to 600 dpi; <b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi		
Digital sending standard features	Scan to E-mail; Scan-to-Sharepoint; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF		Scan to E-mail; Scan-to-Sharepoint; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto ToneScale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR
Color scanning	Yes		
Scan Size	<b>Flatbed:</b> 216 x 356 mm; <b>ADF:</b> 216 x 864 mm		
Scan input modes	Front panel applications: Copy, E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN		
Scan file format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR);
<b>Copy</b>			
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build		
First copy out	<b>Black (A4):</b> As fast as 4.9 sec; <b>Black (A4, sleep):</b> As fast as 11.2 sec; <b>Black (letter):</b> As fast as 4.8 sec; <b>@@Black (letter, sleep)@:</b> As fast as 11.0 sec		<b>Black (A4):</b> As fast as 4.9 sec; <b>Black (A4, sleep):</b> As fast as 14.7 sec; <b>Black (letter):</b> As fast as 4.8 sec; <b>@@Black (letter, sleep)@:</b> As fast as 14.6 sec
Copy resolution	<b>Color (text and graphics):</b> Up to 600 x 600 dpi		
Max no of copies	Up to 9999 copies		
Copier resize	25 to 400%		
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)		
<b>Fax</b>			
Fax speed	33.6 kbps / 6 sec per page		
Fax memory	<b>Fax memory (A4):</b> Up to 500 pages; <b>Fax memory (letter):</b> Up to 500 pages		
Fax resolution	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi; <b>Black and white (fine):</b> Up to 203 x 196 dpi		
Fax Features	<b>Fax delayed sending:</b> No; <b>Distinctive ring detection supported:</b> No	<b>Auto fax reduction supported:</b> Yes; <b>Auto-redialing:</b> Yes; <b>Fax delayed sending:</b> No; <b>Distinctive ring detection supported:</b> No; <b>Fax forwarding supported:</b> Yes; <b>Junk barrier supported:</b> Yes, up to 30 numbers may be blocked; <b>Maximum speed dialing numbers:</b> Up to 1000 numbers; <b>PC interface supported:</b> Yes, software not included; <b>Fax polling supported:</b> Yes (poll to receive only)	
Fax smart software features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule		
<b>Connectivity</b>			
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax	
Mobile printing capability <sup>4</sup>	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; Roam optional		
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A		
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Built-in 802.11a/b/g/n wireless networking (optional)	
Memory	<b>Standard:</b> 1.5 GB (printer); 512 MB (scanner); <b>Maximum:</b> Expandable to 4.0 GB		<b>Standard:</b> 1.5 GB (printer); 1 GB (scanner); <b>Maximum:</b> Expandable to 4.5 GB
Hard disk	Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		
Processor speed	1.2 GHz		
Duty cycle (monthly) <sup>9</sup>	Up to 300,000 pages; <b>Recommended monthly page volume<sup>9</sup>:</b> 5000 to 30,000		
<b>Paper handling</b>			
Input	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, 1 x 550-sheet feeder with cabinet	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder
Output	500-sheet output feeder, two-sided printing		
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope		
Media weight	Automatic Duplexer: 60 to 120 g/m <sup>2</sup>		
Media Sizes Custom	100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 297 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm		
Dimensions (w x d x h)	512 x 558 x 640 mm	665 x 600 x 1094 mm	661 x 658 x 1234 mm
Weight	33.2 kg	52.5 kg	64.3 kg
What's in the box <sup>2</sup>	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.		
Software included	No software solutions are included in the box, only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com">http://123.hp.com</a>		
Warranty features	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.		

# HP LaserJet Enterprise MFP M635 series

Model	HP LaserJet Enterprise MFP M635h	HP LaserJet Enterprise MFP M635ftt	HP LaserJet Enterprise Flow MFP M635z
Product number	7P597A	7P598A	7P599A
<b>Systems</b>			
Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a> ;		
Minimum system requirements	<b>PC:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ;; <b>Mac:</b> 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://apple.com">apple.com</a> ;		
Security management	Identity management: Kerberos authentication, LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key; and Kerberos authentication; Supports WPA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP, EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager; Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs		
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>		
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Extended Keyboard	
Display	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)		
Ecolabels	ENERGY STAR® qualified; CECP; EPEAT® Silver <sup>3</sup>	ENERGY STAR® qualified; CECP; EPEAT® Silver; EPEAT® Gold (Options AAZ; 201) <sup>3</sup>	
ENERGY STAR Qualified	Yes		
Sustainable impact specifications	Mercury free		
Power	<b>Power supply type:</b> Built in 115V or 220V Power Supply; <b>Power supply required:</b> Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A. Not dual voltage, power supply varies by part number with # Option code identifier.; <b>Power consumption<sup>10</sup>:</b> 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off); <b>Typical Electricity Consumption number<sup>10</sup>:</b> ES: 0.935 kWh/week; BA: 2.626 kWh/week		
Acoustics	<b>Acoustic power emissions<sup>9</sup>:</b> 7.0 B(A); <b>Acoustic power emissions (ready):</b> Inaudible; <b>Acoustic pressure emissions bystander (active, printing):</b> 54 dB(A); <b>Acoustic pressure emissions bystander (ready):</b> Inaudible		
Environmental ranges	<b>Operating temperature range:</b> 10 to 32.5°C; <b>Recommended operating temperature:</b> 15 to 27°C; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 30 to 70% RH		
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; IEC 62471:2006 / EN 62471:2008; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/CUL Listed and UL CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.		
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x		

## Footnotes

<sup>1</sup> HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: <http://www.hp.com/go/PrintersThatProtect>. For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>

<sup>2</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

<sup>3</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

<sup>5</sup> HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

<sup>6</sup> Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

<sup>7</sup> An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

## Technical specifications disclaimers

<sup>1</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values typically based on measurement of 115V device.

<sup>2</sup> Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

<sup>3</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

<sup>4</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://hp.com/go/roam>

<sup>5</sup> Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono duplex A4 at 62 ppm and ADF scan mono simplex A4 at 95 ipm.

<sup>6</sup> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

<sup>7</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>8</sup> First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application and document complexity.

<sup>9</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>10</sup> BA TEC is equal to Best TEC. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device

<sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

<sup>12</sup> HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

<sup>13</sup> Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

<sup>14</sup> With print cartridges

<sup>15</sup> An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

To learn more, visit <http://www.hp.com>

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ap-en 4AA7-6736EEP, May 2021



# Conquer the ever-evolving challenges of fleet management with HP Web Jetadmin



## THE CHALLENGE

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Enterprise imaging and printing environments are continually evolving, with the rate of change accelerating dramatically in recent years. Business trends are driving a shift from single tasks toward more complex multi-step workflows, and from a centralized structure toward more distributed and hybrid work environments.

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Imaging and printing fleet management can consume a significant portion of IT resources. Tasks are typically reactionary—the help desk responds when users call in with problems, supplies are ordered after they’ve already run out, and security measures are put in place one at a time, for each device.

Typical issues or questions that may be difficult or time-consuming for IT to address may include:

- How many imaging and printing devices are on the network, including those in remote locations?
- What kinds of devices are deployed, and where?
- Is the imaging and printing environment secure?
- Is device firmware up-to-date?
- Who is printing? What type of jobs?
- What is color versus black-and-white usage?
- Are devices over- or under-utilized?
- Is usage increasing or decreasing month-to-month? If yes, what is driving demand?
- Does a specific user or department have peak demands at one time each month?

## THE ANSWER

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HP Web Jetadmin is a single, no-cost software solution with a host of features that enable easy, centralized monitoring and management of your entire imaging and printing fleet. From managing security on Enterprise-level multifunction devices to monitoring supplies use on remote printers, HP Web Jetadmin has the answer.

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HP Web Jetadmin can help you:

- Efficiently set up and manage all imaging and printing devices in your fleet from a single screen.
  - Optimize device utilization to help save time and money.
  - Gain visibility into user and usage information for each imaging and printing device in your fleet with advanced reporting.
  - Integrate and leverage additional HP solutions to help monitor and manage supplies, security, and more!
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Get started today: [hp.com/go/wja](https://hp.com/go/wja)

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## EFFICIENTLY SET UP AND DEPLOY DEVICES

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HP Web Jetadmin can help save you time with its ability to auto-discover new device IP addresses, quickly and easily set group policies, and perform power cycles—for single events or on a schedule.

- Remotely discover imaging and printing devices within the network and easily add them to the fleet.
- Configure or change device network settings for initial deployment or after installation.
- Create device groups within the fleet and configure settings for entire groups at one time.
- Set group policies to automatically apply corporate standards and requirements to devices added to a group.
- Add the latest new devices and apply existing corporate policies in one step with the HP Universal Print Driver (UPD) plug-in, saving time and simplifying device management—no HP Web Jetadmin upgrade required!<sup>2</sup>

## SIMPLIFY FLEET MANAGEMENT

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Easy-to-use HP Web Jetadmin offers a simple interface to configure, troubleshoot, and manage both HP and non-HP networked and PC-connected print devices.

- Maintain productivity by completing power cycles, sending test pages, and performing routine maintenance remotely.
- Use convenient, built-in scheduling capabilities to easily schedule tasks to complete during non-business hours—on one device or the entire fleet.
- Efficiently configure, manage, store, and protect print-related information such as stored print jobs, fonts, forms, and macros—with encrypted hard drive storage.
- Get control of fleet security with multiple configuration and monitoring features. Want help with selecting security settings? See “HP Security Manager (HPSM)” on page 5.
- Enjoy a consistent management experience beyond HP Enterprise-class devices with management capabilities for your base-level and distributed enterprise devices.

## TAKE CONTROL WITH EFFICIENT SUPPLIES MANAGEMENT

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Get proactive supplies management with additional, compatible solutions and capabilities.

- Monitor device and supplies status through custom polling and enhanced alerts.
- Specify different thresholds and designate optional email recipients for each type of supply and/or threshold level.
- Collect usage data and send customized reports with estimated replacement dates.

## OPTIMIZE DEVICE UTILIZATION

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Help maximize and protect your imaging and printing investments.

- Establish fleet administration rules, such as who can access specific HP Web Jetadmin features and on which devices.
- Establish end-user rules (or policies) to control costs such as default duplex printing or access to color, or to protect sensitive information in print jobs.
- Authenticate users at the device to manage access to device control panel functions, such as use of color, copy, fax, or stored print jobs.
- Use historical reporting to identify devices which are potentially under-utilized or with specific functionality that can be leveraged to meet your changing business needs.
- Access critical fleet information on a single screen. Details about status, configuration, alerts, groups, supplies, and troubleshooting are right at your fingertips.

## GAIN VISIBILITY WITH ADVANCED REPORTING

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IT managers and CIOs want to stay in control of budgets and ongoing costs. With HP Web Jetadmin advanced reporting tools, you can rest easy.

- Review usage and trend reports by user or device to determine the optimal placement of devices.
- Create graphical device maps of all devices in the enterprise to improve IT support and response time, and use reports to assess device, workgroup, or system status and performance.
- Use standard methods to export reports, such as HTML and CSV files.

# HP Web Jetadmin capabilities

## FLEET DEPLOYMENT AND CONFIGURATION

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- Discover all imaging and printing devices:
  - on the network
  - directly connected to PCs
  - multiple device brands and types
- Dynamically auto-configure/auto-group any combination of devices:
  - create group and subgroup structures
  - update firmware by device or entire group
  - graphically map devices/groups
- Configure device mobility options:
  - wireless authentication/security settings
  - enable/disable/configure Wi-Fi Direct
  - wireless protocol (802.11) modes
  - enable/disable near field communication (NFC)
- Configure a wide range of device models

## PROBLEM RESOLUTION AND SUPPLIES MONITORING

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- Real-time group filters (error, warning, etc.)
- Test network connection within application
- Interactive device status page
- Remote sending:
  - test pages
  - power cycle and reset factory defaults
  - send data to HP support for resolution
- Supplies/consumables monitoring:
  - real-time supplies information
  - consumables trends/replacement schedule
  - automated consumables ordering
  - "green" reports (duplex usage, etc.)

## ADVANCED REPORTING, ANALYSIS, AND ALERTS

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- Built-in and customizable report templates
- Report printer usage:
  - by user or group
  - supplies usage
- Trend reporting:
  - daily, weekly, monthly, quarterly
  - custom data structures
  - error history over time
- Track what you need:
  - display over 700 device attributes
  - accessories report tracking
  - configure general and threshold alerts
  - customizable alert templates

## PROACTIVE MANAGEMENT

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- Create and apply policies with auto-groups and custom templates:
  - data collection policies
  - device configuration policies
  - subscribe/unsubscribe to alerts
  - add/remove devices to supply group

## FLEET SECURITY CONFIGURATION AND MONITORING

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- Single sign-on authentication (via Active Directory/LDAP)
- Control color access by profile/application
- Security using auto-grouping and policies
- Secure erase disks, meeting Department of Defense (DOD) standards

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Note: This is not a comprehensive list of features. For details, see: [hp.com/go/wja](http://hp.com/go/wja).

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# Get started today

Download the latest version of HP Web Jetadmin at no cost, access self-help, and discover related HP solutions.

## HP WEB JETADMIN

Use HP Web Jetadmin (J6052AA) to take control of printer fleet management. Included with your printer purchase at no additional cost.

For more information, visit: [hp.com/go/wja](http://hp.com/go/wja).

## SELF-HELP AND DOCUMENTATION

HP Web Jetadmin's self-help portal provides support assistance at your fingertips 24 hours a day, 7 days a week. Get immediate tips for installation, implementation, and usage. Gain access to our extensive white paper library, frequently asked questions, support documentation, support forum, and video training.

For more information, visit: [hp.com/go/wja](http://hp.com/go/wja).

## HP UNIVERSAL PRINT DRIVER (UPD)

Deploying a single print driver solution throughout your organization can improve user productivity, reduce certification, diminish helpdesk activity, provide greater IT control, and enhance IT effectiveness.

No other solution is as flexible and feature-rich as the HP Universal Print Driver.<sup>3</sup> If you want to support a wide range of users and need broad compatibility across diverse environments, the HP UPD is your best option. Available in many languages, it lets you choose deployment options, and it's compatible across multiple enterprise environments. Included with HP UPD is the HP Print Administrators Resource Kit—create a custom UPD, making printing a breeze for your employees and your business.

For more information, visit: [hp.com/go/upd](http://hp.com/go/upd).

## HP ACCESS CONTROL (HPAC)

HPAC is HP's premier management solution, delivering print authentication, auditing, authorization, job accounting, and secure pull printing capabilities.

For more information, visit: [hp.com/go/hpac](http://hp.com/go/hpac).

## HP MANAGED PRINT SERVICES (MPS)

Let HP manage your fleet for you—HP MPS offers scalable standard and custom service options tailored to meet your specific needs. Get optimized print productivity coupled with unsurpassed support.

For more information, visit: [hp.com/go/mps](http://hp.com/go/mps).

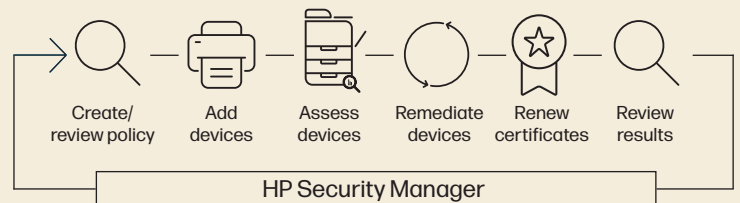
## HP SECURITY MANAGER (HPSM)

You know that securing your imaging and printing fleet is important, but do you have the time and expertise to configure things in the best possible manner?

HP Security Manager offers a simplified approach to HP fleet security that strengthens compliance and reduces risk. The easy-to-use HP Policy Editor simplifies policy creation with an intuitive rules engine that provides guidance, and helps create a comprehensive policy for your environment. Modify your security policies to best suit changing company needs, regulations, or industry standards.

For more information, visit:

[hp.com/us-en/security/business-print-security.html](http://hp.com/us-en/security/business-print-security.html).



# Technical specifications

The following provides an overview of specifications and system requirements. For a complete list of supported operating systems and configuration options, please visit [hp.com/support](https://hp.com/support).

Operating system requirements	<p><b>SERVER APPLICATION</b></p> <p>Microsoft® Windows Server® 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2 SP1, Windows® 10 (64-bit edition only), Window 8.1 (64-bit edition only), Windows 7 SP1 (64-bit edition only)</p> <hr/> <p><b>CLIENT APPLICATION</b></p> <p>Microsoft Windows Server 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2 SP1, Windows 10, Window 8.1, Windows 7 SP1</p>
Browser requirements	Microsoft Edge® version 87.0.664.60 or later, Google Chrome™ version 89.0.4356.6 or later <sup>4</sup>
Minimum hardware	<p><b>SERVER HARDWARE</b></p> <p>2 processor cores, 2.33 GHz processor speed, 4 GB of RAM (2 GB is required for the HP Web Jetadmin service, 2 GB is the default SQL memory reservation), 4 GB of available storage</p> <hr/> <p><b>CLIENT HARDWARE</b></p> <p>PC with 1.8 GHz processor, 32- or 64-bit system with 2 GB of RAM, .NET Framework 4.5 SP1, Client display with a minimum resolution of 1024 x 768 (optimized for normal font size, default DPI only)</p>
Supported devices	<p>HP Web Jetadmin supports most HP imaging and printing devices, from high-volume Enterprise- to Professional-class devices; new HP Enterprise and Pro devices can be added without an HP Web Jetadmin upgrade via a universal plug-in, included in HP Web Jetadmin 10.3 SR4 and beyond</p> <p>Network-connected, standard MIB-compliant, non-HP devices are supported with a generic plug-in</p> <p>For the most up-to-date information on supported devices, please visit <a href="https://hp.com/support">hp.com/support</a>.</p>
Localized languages	English, French, Italian, German, Spanish, Russian, Japanese, Simplified and Traditional Chinese, Korean, Portuguese
Network protocols	IPv4 and/or IPv6
Software upgrade and migration	Upgrades from most versions are easily performed. Administrator access and .NET/Window components are required. The Install Shield installer will check for .NET and Windows components and allow access if they are present.

For more information about the HP Web Jetadmin software solution, including services, support, and ordering, please contact your HP account representative—or visit [hp.com/go/wja](https://hp.com/go/wja).

1. HP Web Jetadmin is available for download at no additional charge at [hp.com/go/wja](https://hp.com/go/wja).
2. Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher.
3. HP Universal Print Driver is free and can be downloaded at [hp.com/go/upd](https://hp.com/go/upd).
4. Plug-in extension required for Chrome browser.

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4AA5-2718ENW, February 2022, Rev. 2

