

# Surface Laptop 5 for Business overview

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The modern workplace has changed in the last few years. Employees need high-performance devices they can set up wherever they work, that still have the guts to get everything done. Keeping connections strong with a dispersed workforce is a massive challenge. Especially in highly collaborative teams, technology must facilitate building and maintaining strong connections with colleagues and customers alike.

With ultra-fast performance, sleek portability, an enhanced camera for more engaging video calls, Surface Laptop 5 keeps you connected and engaged with Windows 11 interactive features, high-quality cameras, Omnisonic® speakers, and Microsoft 365 apps that are optimized for the Surface signature 3:2 screen ratio.

## Superpowered for serious productivity

- Lightning-fast performance and multitasking power comes from 12th Intel® Core™ i5 and i7 processors, now built on the Intel Evo platform. Employees can connect to external monitors and charge their devices simultaneously with USB-C and Thunderbolt™ 4 connecting to up to two 4k monitors at 60Hz to deliver superfast connections.

- Surface Laptop 5 is the perfect device for high achievers, power users, and executive talent: Users who need high-powered apps and intensive multitasking and professionals who take video calls, co-author presentations, and run analytical models simultaneously.

## Deploy, manage, and stay secure from anywhere

- Give IT peace of mind knowing that your company, customer, and employee data are safe and secured with a Windows 11 Secured-core PC. Surface customers save time and money with streamlined deployment, modern device management, and built-in, cloud-powered security. Empower people, data, and systems with connected experiences from Surface and Microsoft 365.
- Secured-core PCs are the most secure Windows 11 devices for workers handling the most sensitive data. Secured-core PCs are designed to elevate the benefits of Windows 11 security, providing additional hardware and software protection for workers that handle the most sensitive data in your organization.
- More control with cloud-first device deployment and management. Deploy and manage down to the firmware layer through the cloud with Microsoft Endpoint Manager and DFCI. Every Surface ships with Windows Autopilot, reducing IT complexity by deploying straight to your employees.
- Get more out of your device with more components that are replaceable. Major components in Surface Laptop 5, including the display module, keyboard assembly, battery, storage, and more, are replaceable through a network of approved service providers.
- Make the most of your investment in Microsoft 365 with the essential foundation of Windows 10 or Windows 11 Pro, the protection of Microsoft Enterprise Mobility + Security, and the suite of Office 365 productivity apps you rely on every day.

## Explore Surface devices

- [Explore Surface: Interactive tour](#)

## Order Surface Laptop 5 for Business

- [Order Surface Pro 9 for Business](#)

# Surface Laptop 5 tech specs

Feature	Description
Processor	<p><b>Surface Laptop 5 13.5"</b></p> <ul style="list-style-type: none"> <li>- 12th Gen Intel® Core™ i5-1245U processor</li> <li>- 12th Gen Intel Core i7-1265U processor</li> <li>- Built on the Intel Evo platform</li> </ul> <p><b>Surface Laptop 5 15"</b></p> <ul style="list-style-type: none"> <li>- 12th Gen Intel Core i7-1265U processor</li> <li>- Built on the Intel Evo platform</li> </ul>
Graphics	<ul style="list-style-type: none"> <li>- Intel Iris® Xe Graphics</li> </ul>
Memory & storage <sup>1</sup>	<ul style="list-style-type: none"> <li>- 8 GB, 16 GB or 32 GB LPDDR4x RAM</li> <li>- Removable<sup>2</sup> solid-state drive (SSD) options: 128 GB, 256 GB, 512 GB, or 1 TB</li> </ul>
Display	<p><b>Surface Laptop 5 13.5"</b></p> <ul style="list-style-type: none"> <li>- Screen: 13.5" PixelSense™ Display</li> <li>- Resolution: 2256 x 1504 (201 PPI)</li> <li>- Aspect ratio: 3:2</li> <li>- Contrast ratio: 1300:1</li> <li>- Color profile: sRGB and Vivid individually color-calibrated display</li> <li>- Dolby: Dolby Vision IQ™ <sup>3</sup> support</li> <li>- Touch: 10-point multi-touch</li> <li>- Glass: Gorilla® Glass 3 display on laptop with Alcantara® material palm rest</li> <li>- Gorilla Glass 5 display on laptop with metal palm rest</li> </ul> <p><b>Surface Laptop 5 15"</b></p> <ul style="list-style-type: none"> <li>- Screen: 15" PixelSense Display</li> <li>- Resolution: 2496 x 1664 (201 PPI)</li> <li>- Aspect ratio: 3:2</li> <li>- Contrast ratio: 1300:1</li> <li>- Color profile: sRGB and Vivid</li> <li>- Individually color-calibrated display</li> <li>- Dolby: Dolby Vision IQ<sup>3</sup> support</li> <li>- Touch: 10-point multi-touch</li> <li>- Glass: Gorilla Glass 5</li> </ul>
Size & weight	<ul style="list-style-type: none"> <li>- Length: 12.1" (308 mm)</li> <li>- Width: 8.8" (223 mm)</li> <li>- Height: 0.57" (14.5 mm)</li> <li>- Weight: Fabric 2.80 lbs (1,270 g), Metal 2.86 lbs (1,297 g)</li> </ul>

Feature	Description
	<p><b>Surface Laptop 5 15"</b></p> <ul style="list-style-type: none"> <li>- Length: 13.4" (340 mm)</li> <li>- Width: 9.6" (244 mm)</li> <li>- Height: 0.58" (14.7 mm)</li> <li>- Weight: 3.45 lbs (1,560 g)</li> </ul>
Battery life <sup>4</sup>	<p><b>Surface Laptop 5 13.5" Intel Core i5</b></p> <ul style="list-style-type: none"> <li>- Up to 17 hours of typical device usage</li> </ul> <p><b>Surface Laptop 5 13.5" Intel Core i7</b></p> <ul style="list-style-type: none"> <li>- Up to 17 hours of typical device usage</li> </ul> <p><b>Surface Laptop 5 15" Intel Core i7</b></p> <ul style="list-style-type: none"> <li>- Up to 17 hours of typical device usage</li> </ul>
Security	<ul style="list-style-type: none"> <li>- TPM 2.0 chip for enterprise security and BitLocker support</li> <li>- Enterprise-grade protection with Windows Hello face sign-in</li> <li>- Windows 11 Secured-core PC</li> </ul>
Cameras	<ul style="list-style-type: none"> <li>- Windows Hello face authentication camera</li> <li>- 720p HD front-facing camera</li> </ul>
Audio	<ul style="list-style-type: none"> <li>- Dual far-field Studio Mics</li> <li>- Omnisonic Speakers with Dolby Atmos®<sup>5</sup></li> </ul>
Ports	<ul style="list-style-type: none"> <li>- 1 x USB-C with USB 4.0/Thunderbolt 4</li> <li>- 1 x USB-A 3.1</li> <li>- 3.5-mm headphone jack</li> <li>- 1 x Surface Connect port</li> </ul>
Network & connectivity	<ul style="list-style-type: none"> <li>- Wi-Fi 6: 802.11ax compatible</li> <li>- Bluetooth® Wireless 5.1 technology</li> </ul>
Pen & accessories compatibility	<ul style="list-style-type: none"> <li>- Designed for Surface Pen<sup>8</sup></li> <li>- Supports Microsoft Pen Protocol (MPP)</li> </ul>
Battery Capacities	<ul style="list-style-type: none"> <li>- Battery Capacity Nominal (WH) 47.4</li> <li>- Battery Capacity Min (WH) 45.8</li> </ul>
Software	<ul style="list-style-type: none"> <li>- Windows 11 Pro or Windows 10 Pro</li> <li>- Preloaded Microsoft 365 Apps<sup>6</sup></li> <li>- Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial<sup>7</sup></li> </ul>

Feature	Description
Accessibility	<ul style="list-style-type: none"> <li>- Compatible with Surface Adaptive Kit</li> <li>- Compatible with Microsoft Adaptive Mouse</li> <li>- <a href="#">Accessibility Features</a></li> <li>- <a href="#">Accessible Devices &amp; Products for PC &amp; Gaming</a></li> </ul>
Serviceability <sup>9</sup>	<p><b>Replaceable components include:</b></p> <ul style="list-style-type: none"> <li>- SSD</li> <li>- AB Cover module (display)</li> <li>- C Cover</li> <li>- Battery + bucket</li> <li>- Motherboard</li> <li>- Charging Port (Surface Connect connector)</li> <li>- Thermal Module</li> <li>- Thermal pad and Desense tape</li> <li>- Feet</li> </ul>
Exterior	<ul style="list-style-type: none"> <li>- Casing: Aluminum</li> <li>- Power and Volume buttons on keyboard</li> </ul>
Colors <sup>10</sup>	<p><b>Surface Laptop 5 13.5"</b></p> <ul style="list-style-type: none"> <li>- Platinum with Alcantara material palm rest</li> <li>- Sage with metal palm rest</li> <li>- Matte Black with metal palm rest</li> <li>- Sandstone with metal palm rest</li> </ul> <p><b>Surface Laptop 5 15"</b></p> <ul style="list-style-type: none"> <li>- Platinum with metal palm rest</li> <li>- Matte Black with metal palm rest</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>- Ambient light sensor</li> </ul>
What's in the box	<ul style="list-style-type: none"> <li>- Surface Laptop 5 13.5" or Surface Laptop 5 15"</li> <li>- Power Supply 65 W</li> <li>- Quick Start Guide</li> <li>- Safety and warranty documents</li> </ul>
Keyboard layout	<ul style="list-style-type: none"> <li>- Activation: Moving keys</li> <li>- Backlight</li> <li>- Layout: QWERTY, full row of function keys (F1 – F12)</li> <li>- Windows key and dedicated buttons for media controls, screen brightness, &amp; Keyboard backlight</li> </ul>
Warranty <sup>11</sup>	<ul style="list-style-type: none"> <li>- One-year limited hardware warranty</li> </ul>

Feature	Description
Best-in-class support from Microsoft Store	- 60-day return policy. 90 days of free technical phone support. - Free virtual workshops and training.

## References

1. System software and updates use significant storage space. Available storage is subject to change based on system software and updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See Surface.com/Storage for more details.
2. Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair won't be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market.
3. Requires Dolby Vision encoded content and video.
4. Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings and other factors.
5. Requires Dolby Atmos encoded content/audio.
6. Requires license or subscription (sold separately) to activate and use.
7. Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you'll be charged the applicable monthly or annual subscription fee. Credit card required. Cancel anytime to stop future charges.
8. Sold separately.
9. Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorize Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Opening and/or repairing your device can present electric shock, fire and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Device damage caused during repair won't be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market.
10. Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

11. Microsoft's Limited Warranty is in addition to your consumer law rights. See also:

[Surface Warranty, Service Offerings & Support Plans – Microsoft Surface for Business Warranties.](#)

## Learn more

- [Explore Surface: Interactive tour](#)
- [Order Surface Laptop 5 for Business](#)