

Meet Microsoft Surface Pro X

The totally mobile Pro



Help your customers stay one step ahead. Designed to light up the best of Windows 11,¹ **Surface Pro X** makes quick work of every task with optional Gigabit-speed LTE,² tablet-to-laptop flexibility, and built-in security.



Work every angle

Empower employees with an adjustable Kickstand and a detachable Keyboard* with built-in Surface Slim Pen 2 storage and charging³ that frees them to create presentations on a laptop, sign contracts with customers at a comfortable angle, or capture photos from the work site.



Instant productivity

Never lose a second with Gigabit-speed LTE, apps that launch fast, and Windows 11. Custom chipsets deliver the always-on, fast connectivity that you expect from mobile devices in an ultra-thin PC.



A direct connection to customers

Employees can make meaningful connections anytime, anywhere. Express confidence and expertise when you present to clients in video calls with the HD camera and the power of AI. Charging can wait until work is done with all-day, unplugged power.⁴



Deploy, manage, and stay secure from anywhere

Remote manageability, security, and compliance matter more now than ever. Chip-to-cloud security, remote management, and optional LTE Advanced Pro help you stay secure from anywhere.

Disclaimer

*Sold separately. Software license required for some features.

¹Wi-Fi models of Surface Pro X come with Windows 11 Pro on ARM. LTE models of Surface Pro X come with Windows 10 Pro on ARM. Surface Pro X running Windows 10 Pro on ARM does not install 64-bit applications that have not been ported to ARM. At this time, Surface Pro X with Windows 11 Pro on ARM will not install some games and CAD software, and some third-party drivers or anti-virus software. Find out more in the [FAQ](#).

²Service availability and performance subject to Surface Pro X with LTE Advanced is coming in 2022. Visit [Surface.com](#) for updates on availability in your market. Availability may vary by market and configuration. Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at [surface.com](#).

³Pen storage and charging available on select Keyboards.

⁴Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See [aka.ms/SurfaceBatteryPerformance](#) for details.

Technical Specifications

Dimensions	11.3" x 8.2" x 0.28" (287 mm x 208 mm x 7.3 mm)	Storage¹	Removable solid-state drive (SSD) options: 128, 256, or 512GB
Display	Screen: 13" PixelSense™ Display Resolution: 2880x1920 (267 PPI) Aspect ratio: 3:2 Touch: 10 point multi-touch	Battery life²	Wi-Fi: Up to 15 hours of typical device usage LTE Advanced: Up to 15 hours of typical device usage
Memory	8GB or 16GB LPDDR4x RAM	Graphics	Microsoft SQ® 1 Adreno™ 685 GPU Microsoft SQ® 2 Adreno™ 690 GPU
Processor³	Microsoft SQ® 1 Microsoft SQ® 2	Connections	2 x USB-C® 1 x Surface Connect port Surface Keyboard port 1 x nano SIM Compatible with Surface Dial off-screen interaction*
Security	Firmware TPM chip for enterprise security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in	Cameras, video, and audio	Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p full HD video 10.0MP rear-facing autofocus camera with 1080p HD and 4k video Dual far-field Studio Mics 2W stereo speakers with Dolby® Audio™ sound
Software	Surface Pro X with LTE: Windows 10 Pro on ARM Surface Pro X: Windows 11 Pro on ARM ³ Preloaded Microsoft 365 Apps ⁴ Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial ⁵	Wireless	Wi-Fi 6: 802.11ac compatible Bluetooth Wireless 5.0 technology Qualcomm® Snapdragon™ X24 LTE modem Up to Gigabit LTE Advanced Pro ⁶ with nanoSIM and eSIM support. LTE Bands supported: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 46, 66 Assisted GPS and GLONASS support
Sensors	Accelerometer Gyroscope Magnetometer Ambient light sensor	Exterior	Casing: Signature anodized aluminum with carbon composite fanless thermal cooling Colors: Platinum, Matte Black (only available on select configurations) ⁷ Physical buttons: Volume, Power
What's in the box	Surface Pro X for Business Power Supply SIM Card access tool (LTE only) Quick Start Guide Safety and warranty documents	Warranty⁸	1-year limited hardware warranty
Weight⁹	1.7 lb (774g)	Pen compatibility	Surface Pro X supports Microsoft Pen Protocol (MPP)
Keyboard compatibility	Surface Pro Signature Keyboard Surface Pro Keyboard		

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¹System 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 Storage for more details.

²Surface Pro X: Up to 15 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in August 2021 using preproduction software and preproduction Surface Pro X with Microsoft SQ® 1 and Surface Pro X with Microsoft SQ® 2, 256GB, 8GB RAM devices. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. Tested with Windows Version 11.0.22000.9 (21H2). All settings were default except screen brightness was set to 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

Surface Pro X with LTE Advanced Pro: Up to 15 hours of battery life based on typical Surface device usage. Testing conducted by Microsoft in September 2020 (Surface Pro X with Microsoft SQ® 1 and Surface Pro X with Microsoft SQ® 2) using preproduction software and preproduction configurations of Surface Pro X. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing 8 popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel and Outlook, and (3) a portion of time with the device in use with idle applications. Tested with Windows Version 10.0.19041.1(20H1) and Edge version 85.0.564.51. All settings were default except screen brightness was set to 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage and other factors.

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⁴Requires license or subscription to activate and use.

⁵Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or annual subscription fee.

Credit card required. Cancel any time to stop future charges. See <https://aka.ms/m365businessinfo>.

⁶Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at surface.com.

⁷Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.

⁸Microsoft's Limited Warranty is in addition to your consumer law rights.

⁹Weight not including Keyboard.