DICKER DATA

Type Cover Sold Seperately

Type Cover Sold Seperately

Type Cover Sold Seperately

Type Cover Sold Seperately

Type Cover and Pen Sold Seperately

	NEW LAPTOP 8TH EDITION 13.8" INTEL	NEW LAPTOP 8TH EDITION 15" INTEL	NEW LAPTOP 8TH EDITION 13.8" ARM	NEW LAPTOP 8TH EDITION 15" ARM	NEW LAPTOP 1ST EDITION 13" INTEL
Dimensions	11.85" x 8.67" x 0.69" (301 mm x 220 mm x 17.5 mm)	12.96" x 9.41" x 0.72" (329 mm x 239 mm x 18.3 mm)	11.85" x 8.67" x 0.69" (301 mm x 220 mm x 17.5 mm)	12.96" x 9.41" x 0.72" (329 mm x 239 mm x 18.3 mm)	• Length: 11.25 inch (285.65 mm) • Width: 8.43 inch (214.14 mm) • Height: 0.61 inch (15.6 mm)
Display	Touchscreen: 13.8-inch PixelSense Flow display • Resolution: 2304 x 1536 (201 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: • SDR mode: sRGB and Vivid • HDR mode: HDR • Individually color-calibrated display • Adaptive color • Adaptive contrast • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support • Strengthened glass display • Brightness: • SDR: 600 nits maximum (typical) • HDR: 600 nits peak luminance	Touchscreen: 15-inch PixelSense Flow display • Resolution: 3270 x 2180 (262 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: • SDR mode: sRGB, Vivid • HDR mode: HDR • Individually color-calibrated display • Adaptive color • Adaptive contrast • Auto color managementTouch: 10-point multi-touch • Dolby Vision IQ support • Strengthened glass display • Brightness: • SDR: 600 nits maximum (typical) • HDR: 600 nits peak luminance	Touchscreen: 13.8-inch or 15-inch6PixelSense™ Flow display 13.8-inch resolution: 2304 x 1536 (201 PPI) 15-inch resolution: 3270 x 2180 (262 PPI) Aspect ratio: 3:2 Contrast ratio: 1300:1 Dynamic refresh rate up to 120Hz Color profile: SDR mode: sRGB and Vivid HDR mode: HDR Individually color-calibrated display Adaptive color Adaptive contrast Auto color management Touch: 10-point multi-touch Dolby Vision IQ™ support Strengthened glass display Anti-reflective, ISO 9241-307 certified Anti-glare with integrated privacy screen, ISO 9241-307 certified11,12 (13.8-inch only) Brightness: SDR: 600 nits maximum (typical) HDR: 600 nits peak luminance		• Touchscreen: 13-inch PixelSense display • Resolution: 1920 x 1280 (178 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1000:1 • Refresh rate: Up to 60Hz • Color profile: sRGB and Enhanced • Individually color-calibrated display • Adaptive color • Adaptive contrast • Touch: 10-point multi-touch • Strengthened glass display • Brightness: 500 nits maximum (typical) • Anti-reflective
Memory	16GB, 32GB, or 64GB LPDDR5 x RAM		16GB, 32GB, or 64GB LPDDR5x RAM		16GB and 24GB LPDDR5x RAM
Processor	• Intel® Core Ultra 5 processor 335 • Intel® Core Ultra 7 processor 366H • Intel® Core Ultra X7 processor 368HNPU Intel® AI Boost with 50 TOPS		PROCESSOR Snapdragon® X2 Plus (10 Core) Snapdragon® X2 Elite (12 Core) NPU Qualcomm® HexagonTM with 80 TOPS		• Intel® Core Ultra 5 processor 325 NPU • Intel® AI Boost with 50 TOPS
Security	Windows 11 Secured-core PC Enterprise grade security with TPM 2.0 chip and BitLocker support Microsoft Pluton security processor Windows Hello facial recognition and Enhanced Sign-In Security Firmware Surface UEFI built with Patina and Project Mu open-source components available through the Open Device Partnership (ODP) Firmware built with Secured Embedded Controller project open-source components available through ODP Updated through Windows Update		Windows 11 Secured-core PC Microsoft Pluton security processor Enterprise grade security with Pluton TPM 2.0 and BitLocker support Windows Hello facial recognition and Enhanced Sign-In Security		• Windows 11 Secured-core PC • Microsoft Pluton security processor • Enterprise grade security with integrated TPM 2.0 and BitLocker support • Windows Hello Fingerprint Power Button with Enhanced Sign-in security Firmware • Surface UEFI built with Patina and Project Mu open-source components available through the Open Device Partnership (ODP) • Firmware built with Secured Embedded Controller project open-source components available through ODP • Updated through Windows Update
Software	• Windows 11 Pro • Preloaded Microsoft 365 Apps • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial		Windows 11 Pro Preloaded Microsoft 365 Apps33 Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial34		• Windows 11 Pro • Preloaded Microsoft 365 Apps33 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial
Sensors	• Ambient color sensor • AG sensor *2 (Wi-Fi+5G only)		Ambient color sensor		Ambient color sensor
What's in the box	• 39W Power Supply with Surface connect (in select markets, available only with specific configurations) • Quick Start Guide • Safety and warranty documents	• 65W Power Supply with Surface connect (in select markets, available only with specific configurations) • Quick Start Guide • Safety and warranty documents	39W Power Supply with Surface connect (in select markets, available only with specific configurations) Quick Start Guide Safety and warranty documents	65W Power Supply with Surface connect (in select markets, available only with specific configurations) Quick Start Guide Safety and warranty documents	• Surface Laptop for Business, 13-inch • USB-C® charging cable • Optional Surface 45W USB-C® Wall Charger • Quick Start Guide • Safety and warranty documents
Weight	2.97 lbs (1.35 kg), or with integrated privacy screen, 3 lbs (1.36 kg	3.67 lbs (1.67 kg)	2.97 lbs (1.35 kg), or with integrated privacy screen, 3 lbs (1.36 kg)	3.67 lbs (1.67 kg)	2.7 lbs (1.24 kg)
Storage			Removable2 solid-state drive (SSD Gen 4) 256GB, 512GB, 1TB, or 2TB		
Battery Life			Up to 20 hours of local video playback Up to 16 hours of active web usage	Up to 19 hours of local video playback Up to 14 hours of active web usage	
Graphics	• Intel® Core Ultra 5 Series 3 processor: Intel®Graphics • Intel® Core Ultra 7 Series 3 processor: Intel®Graphics • Intel® Core Ultra X7 Series 3 processor: Intel® Arc Graphics		Qualcomm® AdrenoTM GPU		Intel® Graphics
Connections	• 2 x USB-C® with USB4®/Thunderbolt 4 ports with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to three 4K monitor at 60 Hz • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C • USB-A 3.2 • 3.5 mm audio jack • Surface Connect port • On select 15-inch models and configurations: • MicroSDXC Express card reader		2 x USB-C®/ USB4® with support for: Charging Data transfer DisplayPort 1.4 supporting up to three 4K monitor at 60 Hz21 Surface ThunderboltTM 4 Dock and other accessories Supports fast charging with minimum 60W charger via Surface Connect or USB-C® 23 USB-A 3.2 3.5 mm audio jack Surface Connect port On select 15-inch models and configurations: MicroSDXC Express card reader		2 x USB-C®/USB 3.2 ports to support: • Charging • Data transfer • DisplayPort 2.1 with support for up to two 4K monitors at 60Hz • Surface Thunderbolt 4 Dock and other accessories • USB-A 3.2 • 3.5 mm audio jack
Cameras, video and audio	CAMERA • Full HD front-facing Surface Studio Camera • 1080p Full HD camera • Support for Windows Studio Effects with automatic framing, eye contact, portrait blur, and background blur • Windows Hello face authentication camera with Enhanced Sign-in Security AUDIO • Dual Studio Mics with voice focus • Omnisonic® Speakers with Dolby Atmos • Support for Bluetooth® LE Audio		CAMERA Full HD front-facing Surface Studio Camera 1080p Full HD camera Support for Windows Studio Effects with automatic framing, portrait blur, creative filters (illustrated, animated, watercolor), eye contact, and portrait light. Windows Hello face authentication camera with Enhanced Sign-in Security AUDIO Dual Studio Mics with voice focus19 Support for Bluetooth® LE Audio Omnisonic® Speakers with Dolby Atmos®20		CAMERAS • Full HD front-facing Surface Studio Camera • 1080p Full HD camera and video • Support for Windows Studio Effects with automatic framing, eye contact, portrait blur, and background blur AUDIO • Dual Studio Mics with voice focus • Omnisonic® speakers with Dolby Audio • Support for Bluetooth® LE Audio
Wireless	• Wi-Fi 7 • Bluetooth® Core 5.4 technology		Wi-Fi 726 Bluetooth® Core 5.4 technology		• Wi-Fi 7 • Bluetooth® Core 5.4 technology
Exterior	• Casing: Anodized aluminum • Colors: Platinum and Black		Casing: Anodized aluminum Colors: Platinum and Black		• Casing: Anodized aluminum • Colors: Platinum
Warranty	2-year limited hardware warranty		2-year limited hardware warranty		2-year limited hardware warranty
Pen Compatibility	Pen input is not supported on this device.		Pen input is not supported on this device.		Pen input is not supported on this device.
Note	ACCESSIBILITY • Surface precision haptic touchpad with adaptive touch mode • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories		Surface precision haptic touchpad with adaptive touch mode Compatible with Surface Adaptive Kit and Microsoft adaptive accessories36 Includes Windows Accessibility Features – Learn more Discover more Microsoft Accessible Devices & Products		• Compatible with Surface Adaptive Kit and Microsoft adaptive accessories

	NEW PRO 12TH EDITION 13" INTEL WIFI	NEW PRO 12TH EDITION 13" INTEL 5G	NEW PRO 12TH EDITION 13" ARM WIFI	LAPTOP 7TH EDITION, 13" ARM	LAPTOP 7TH EDITION, 15" ARM
Dimensions	11.3" x 8.2" x 0.37" (287 mm x 209 mm x 9.3 mm)	11.3" x 8.2" x 0.37" (287 mm x 209 mm x 9.3 mm)	11.3" x 8.2" x 0.37" (287 mm x 209 mm x 9.3 mm)	Length: 11.85 inch (301 mm) Width: 8.67 inch (220 mm) Height: 0.69 inch (17.5 mm)	Length: 12.96 inch (329 mm) Width: 9.41 inch (239 mm) Height: 0.72 inch (18.29 mm)
Display	**With OLED display** • Touchscreen: 13-inch PixelSense Flow display • Resolution: 2880 x 1920 (267 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1M:1 • Dynamic refresh rate up to 120Hz • Color profile: • SDR mode: sRGB and Vivid • HDR mode: HDR • Individually color-calibrated display • Adaptive color • Adaptive contrast • Auto color management • Touch: 10-point multi-touch • Dolby Vision® IQ support • Strengthened glass display • Brightness: • SDR: 600 nits maximum (typical) • HDR13:900 nits peak luminance	**With LCD display** • Touchscreen: 13-inch PixelSense Flow display • Resolution: 2880 x 1920 (267 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: • SDR mode: sRGB and Vivid • HDR mode: HDR • Individually color-calibrated display • Adaptive color • Adaptive contrast • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support • Strengthened glass display • Brightness: • SDR: 600 nits maximum (typical) • HDR: 600 nits peak luminance	With LCD display Touchscreen: 13-inch5 PixelSense™ Flow display Resolution: 2880 x 1920 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1300:1 Dynamic refresh rate up to 120Hz Color profile: SDR mode: sRGB and Vivid HDR mode: HDR Individually color-calibrated display Adaptive color Adaptive contrast Auto color management Touch: 10-point multi-touch Dolby Vision IQ™ support Strengthened glass display Anti-reflective, ISO 9241-307 certified Brightness: SDR: 600 nits maximum (typical) HDR13: 600 nits peak luminance With OLED display4 OLED option only available with X2 Elite (12 Core) processor Touchscreen: 13-inch5 PixelSense™ Flow display Resolution: 2880 x 1920 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1M:1 Dynamic refresh rate up to 120Hz Color profile:	Touchscreen: 13.8" PixelSense Flow Display Resolution: 2304 x 1563 (201 PPI) Aspect ratio: 3:2 Contrast ratio:1400:1 Dynamic refresh rate: up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Adaptive contrast Auto color management Touch: 10-point multi-touch Dolby Vision IQ 15 Corning® Gorilla® Glass 5 Brightness: • SDR: 600 nits maximum (typical) • HDR:16 600 nits peak luminance	Touchscreen: 15" PixelSense Flow Display Resolution: 2496 x 1664 (201 PPI) Aspect ratio: 3:2 Contrast ratio: 1300:1 Dynamic refresh rate: up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Adaptive contrast Auto color management Touch: 10-point multi-touch Dolby Vision IQ support15 Corning® Gorilla® Glass 5 Brightness: • SDR: 600 nits maximum (typical) • HDR:16 600 nits peak luminance
Memory	16GB, 32GB, or LPDDR5x RAM		16GB, 32GB, 64GB LPDDR5x RAM	16GB, 32GB, LPDDR5x RAM	
Processor	• Intel® Core Ultra 5 processor 335 (Series 3) • Intel® Core Ultra 7 processor 366H (Series 3)		Snapdragon® X2 Plus (10 Core) Snapdragon® X2 Elite (12 Core)	Snapdragon® X Plus Snapdragon® X Elite	
Security	• Windows 11 Secured-core PC • Enterprise grade security with TPM 2.0 and BitLocker support • Microsoft Pluton security processor • Windows Hello facial recognition with Enhanced Sign-in Security Wi-Fi only models: • NFC authentication Firmware • Surface UEFI built with Patina and Project Mu open-source components available through the Open Device Partnership (ODP) • Firmware built with Secured Embedded Controller project opensource components available through ODP • Updated through Windows Update		Windows 11 Secured-core PC Microsoft Pluton security processor Enterprise grade security with TPM 2.0 and BitLocker support Windows Hello facial recognition with Enhanced Sign-in Security NFC authentication	Enterprise grade security with TPM 2.0 chip and BitLocker support Windows 11 Secured-core PC Microsoft Pluton technology Windows Hello face authentication with Enhanced Sign-in security	
Software	• Windows 11 Pro • Preloaded Microsoft 365 Apps		Windows 11 Pro Preloaded Microsoft 365 Apps33 Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial34	Windows 11 Pro Preloaded Microsoft 365 Apps9 Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial10	
Sensors	• Ambient color sensor • Accelerometer • Gyroscope • Magnetometer Wi-Fi-only models: • NFC	• Ambient color sensor • Accelerometer • Gyroscope • Magnetometer	Wi-Fi 726 Bluetooth Core® 5.4 technology	Ambient color sensor	
What's in the box	• Surface Pro for Business 13-inch • 39W Power Supply with Surface Connect (in select markets, available only with specific configurations) • Quick Start Guide • Safety and warranty documents		Surface Pro for Business 13-inch with Snapdragon 39W Power Supply with Surface Connect (in select markets, available only with specific configurations) Quick Start Guide Safety and warranty documents	Power Supply • 13.8" 39W • 15" 65W Quick Start Guide Safety and warranty documents	
Weight			1.97 lbs (895 g)	Weight: 2.96 lbs (1.34 kg)	Weight: 3.67 lbs (1.66 kg)
Storage			Removable solid-state drive2 (Gen 4 SSD): 256GB, 512GB, or 1TB	Removable2 solid-state drive (Gen 4 SSD) 256GB, 512GB, 1TB	
Battery Life			Up to 15.5 hours of local video playback Up to 11.5 hours of active web usage	Up to 20 hours of local video playback Up to 13 hours of active web usage	
Graphics	• Intel® Core Ultra 5 processor (Series 3): Intel® Graphics • Intel®Core Ultra 7 processor (Series 3): Intel® Graphics		Qualcomm® Adreno™ GPU	Qualcomm® Adreno GPU	
Connections	• 2x USB-C® with USB4®/ Thunderbolt 4 with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to three 4K monitors at 60Hz21 • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C • Surface Pro 13-inch Keyboard port • Surface Connect port Wi-Fi + 5G models: • NanoSIM		2x USB-C®/USB4® with support for: Charging Data transfer DisplayPort 1.4a supporting up to three 4K monitors at 60Hz21 Surface Thunderbolt™ 4 Dock and other accessories Supports fast charging with minimum 60W charger via Surface Connect or USB-C®23 Surface Pro 13-inch Keyboard port Surface Connect port	for: • Charging • Data transfer • DisplayPort 1.4a • Surface Thunderbolt 4 Dock and other accessories Supports fast charging with minimum 65W power supply via Surface Connect or USB-C®3 USB-A 3.1 3.5 mm headphone jack Surface Connect port	2 X USB-C®/USB 4® ports with support for: • Charging • Data transfer • DisplayPort 1.4a • Thunderbolt 4 Dock and other accessories Supports fast charging with minimum 65W power supply via Surface Connect or USB-C®3 USB-A 3.1 MicroSDXC card reader 3.5 mm headphone jack Surface Connect por
Cameras, video and audio	CAMERAS • Quad HD front-facing Surface Studio Camera with 1440p Quad HD camera with ultrawide field of view • Support for Windows Studio Effects with automatic framing, eye contact, portrait blur, and background blur • 10 MP Ultra HD rear-facing camera • Windows Hello face authentication camera with Enhanced Sign-in Security AUDIO • Dual Studio Mics with voice focus • 2W stereo speakers with Dolby Atmos®20 • Support for Bluetooth® LE Audio		Quad HD front-facing Surface Studio Camera with 1440p Quad HD camera with ultrawide field of view Support for Windows Studio Effects with automatic framing, portrait blur, creative filters (illustrated, animated, watercolor), eye contact, and portrait light10 MP Ultra HD rear-facing camera Windows Hello face authentication camera with Enhanced Sign-in Security AUDIO Dual Studio Mics with voice focus 2W stereo speakers with Dolby Atmos® Support for Bluetooth® LE Audio	Full HD front-facing Surface Studio Camera • 1080p Full HD camera • Windows Studio Effects with automatic framing, Portrait Blur, Creative Filters (illustrated, animated, watercolor), Eye Contact, and Portrait Light Windows Hello face authentication camera	
Wireless	Wi-Fi-only models: • Wi-Fi 726 • Bluetooth Core® 5.4 technology	Wi-Fi + 5G models: • Wi-Fi 726 • Bluetooth Core® 5.4 technology • Location: GNSS L1, GPS, Galileo, BeiDou, QZSS, and NAVIC support • NanoSIM and eSIM support28 • Supports 5G29Cellular • Wi-Fi hotspot support (up to 8 connected devices) • 5G-NR SA/NSA, Release 15, DL 256 QAM up to 2.9 Gbps, 4x4 MIMO, UL 256 QAM • 4G Gigabit LTE – Advanced Pro, Release 15, DL Cat 19 up to 1.6 Gbps, 256QAM, 4x4 MIMO, 5x DL CA, UL Cat 18, 256 QAM, Contiguous 2x ULCA • 5G-NR Bands: n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79 • LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 48, 66, 71 • WCDMA Bands: 1, 2, 4, 5, 8	Wi-Fi 726 Bluetooth Core® 5.4 technology	Wi-Fi 7 Bluetooth® Wireless 5.4 technology	
Exterior	• Casing: Anodized aluminum • Colors: Platinum, Black • Physical Buttons: Volume, Power		sing: Anodized aluminum Colors: Platinum, Black37 Physical Buttons: Volume, Power	Casing: Anodized aluminum Colors: Platinum or Black	
Warranty	2-year limited hardware warranty		2-year limited hardware warranty	2-year limited hardware warranty	
Pen Compatibility	• Designed for Surface Slim Pen (2nd Edition) • Supports tactile signals with Surface Slim Pen (2nd edition) • Supports Microsoft Pen Protocol (MPP)		Designed for Surface Slim Pen (2nd Edition) Integrated storage and wireless charging for Surface Slim Pen (2nd Edition) with Surface Pro 13-inch Keyboard and Surface Pro 13-inch Flex Keyboard Supports tactile signals with Surface Slim Pen (2nd edition) Supports Microsoft Pen Protocol (MPP) Keyboard Surface Pro 13-inch Flex Keyboard Surface Pro 13-inch Keyboard with pen storage Surface Pro 13-inch Keyboard Surface Pro Signature Keyboard Surface Pro X Signature Keyboard Surface Pro X Keyboard	No pen support. Touchscreen display, now with 120Hz and HDR technology. Also features 10-finger touch, adaptive color and adaptive contrast and support for three external displays.	
Note	• Optional bold keyset available on Surface Pro 13-inch Keyboard with pen storage and Surface Pro 13-inch Flex Keyboard for Business • Compatible with Surface precision haptic touchpad built into Surface Pro 13-inch Flex Keyboard • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories		Optional bold keyset available on Surface Pro 13-inch Keyboard with pen storage and Surface Pro 13-inch Flex Keyboard35 Compatible with Surface precision haptic touchpad built into Surface Pro 13-inch Flex Keyboard Compatible with Surface Adaptive Kit and Microsoft adaptive accessories Includes Windows Accessibility Features – Learn more Discover more Microsoft Accessible Devices & Products		

	LAPTOP 7 INTEL 13"	LAPTOP 7 INTEL 15"	LAPTOP 5G INTEL	LAPTOP 13" - ARM	PRO 12" - ARM	PRO 11TH EDITION WIFI ARM	PRO 11 INTEL WIFI
Dimensions	11.85" x 8.67" x 0.69" (301 mm x 220 mm x 17.5 mm)	12.96" x 9.41" x 0.72" (329 mm x 239 mm x 18.26 mm)	• 11.85" x 8.67" x 0.70" (301 mm x 220 mm x 17.8 mm)	Length: 11.25 inch (285.65 mm) Width: 8.43 inch (214.14 mm) Height: 0.61 inch (15.6 mm)	• Length: 10.8 inch (274 mm) • Width: 7.47 inch (190 mm) • Height: 0.30 inch (7.8 mm)	Length: 11.3 inch (287 mm) Width: 8.2 inch (209 mm) Height: 0.37 inch (9.3 mm)	• 11.3" x 8.2" x 0.37" (287 mm x 209 mm x 9.3 mm)
Display	Touchscreen: 13.8" PixelSense Flow display • Resolution: 2304 x 1536 (201 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: sRGB and Vivid • Individually color-calibrated display • Adaptive color • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support29 • Corning® Gorilla® Glass 5 • Anti-reflective, ISO 9241-307 certified33 • Brightness: • SDR: 600 nits maximum (typical) • HDR:3 600 nits peak luminance	• Touchscreen: 15" PixelSense Flow display • Resolution: 2496 x 1664 (201 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: sRGB and Vivid • Individually color-calibrated display • Adaptive color • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support29 • Corning® Gorilla® Glass 5 • Anti-reflective, ISO 9241-307 certified33 • Brightness: • SDR: 600 nits maximum (typical)	Touchscreen: 13.8" PixelSense Flow display • Resolution: 2304 x 1536 (201 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1300:1 • Dynamic refresh rate up to 120Hz • Color profile: sRGB and Vivid • Individually color-calibrated display • Adaptive color • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support29 • Corning® Gorilla® Glass 5 • Anti-reflective, ISO 9241-307 certified33 • Brightness: • SDR: 600 nits maximum (typical) • HDR:3 600 nits peak luminance	• Touchscreen: 13" PixelSense display10 • Resolution: 1920 x 1280 (178 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1000:1 • Refresh rate: Up to 60Hz • Color profile: sRGB and Enhanced • Individually color-calibrated display • Adaptive color • Adaptive contrast • Touch: 10-point multi-touch • Strengthened glass display • Brightness: 400 nits maximum (typical) • Anti-reflective	• Touchscreen: 12" PixelSense LCD display10 • Resolution: 2196 x 1464 (220 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1200:1 • Refresh rate: up to 90Hz (60Hz default) • Color profile: sRGB and Enhanced • Individually color-calibrated display • Adaptive color • Adaptive contrast • Touch: 10-point multi-touch • Strengthened glass display • Brightness: 400 nits maximum (typical) • Anti-reflective	Surface Pro with OLED display Touchscreen: 13" PixelSense Flow display16 Resolution: 2880 x 1920 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1M:1 Dynamic refresh rate: up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Adaptive contrast Auto color management supported Touch: 10-point multi-touch Dolby Vision IQ support17 Corning® Gorilla® Glass 5 Brightness: • SDR: 600 nits maximum (typical) • HDR:18 900 nits peak luminance Surface Pro with LCD display Touchscreen: 13" PixelSense Flow display16 Resolution: 2880 x 1920 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1200:1 Dynamic refresh rate: up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display	With OLED display • Touchscreen: 13" PixelSense Flow display2 • Resolution: 2880 x 1920 (267 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1M:1 • Dynamic refresh rate up to 120Hz • Color profile: • SDR mode: sRGB and Vivid • HDR mode: HDR3 • Individually color-calibrated display • Adaptive color • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support29 • Corning® Gorilla® Glass 5 • Anti-reflective, ISO 9241-307 certified33 • Brightness: • SDR: 600 nits maximum (typical) • HDR:3 900 nits peak luminance With LCD display • Touchscreen: 13" PixelSense Flow display2 • Resolution: 2880 x 1920 (267 PPI) • Aspect ratio: 3:2 • Contrast ratio: 1100:1 • Dynamic refresh rate up to 120Hz • Color profile: sRGB and Vivid • Individually color-calibrated display • Adaptive color • Auto color management • Touch: 10-point multi-touch • Dolby Vision IQ support29 • Corning® Gorilla® Glass 5 • Anti-reflective, ISO 9241-307 certified33 • Brightness: • SDR: 600 nits maximum (typical)
Memory	16GB, 32GB LPDDR5x RAM		16GB, 32GB LPDDR5x RAM	Memory options: 16GB, 24GB LPDDR5x RAM	16GB, 24GB LPDDR5x RAM	16GB, 32GB2 LPDDR5x RAM	16GB, 32GB LPDDR5x RAM
Processor	PROCESSOR Surface Laptop for Business 13.8" and 15" • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V • Intel® Core Ultra 7 processor 266V • Intel® Core Ultra 7 processor 268V NPU Intel® AI Boost with 40 TOPS • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V Intel® AI Boost with 48 TOPS • Intel® Core Ultra 7 processor 266V		PROCESSOR • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V • Intel® Core Ultra 7 processor 266V • Intel® Core Ultra 7 processor 268V NPU Intel® AI Boost with 40 TOPS • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V Intel® AI Boost with 48 TOPS • Intel® Core Ultra 7 processor 266V • Intel® Core Ultra 7 processor 268V	Snapdragon® X Plus (8 Core)	Snapdragon® X Plus (8 Core)	Snapdragon® X Plus Snapdragon® X Elite NPU Qualcomm® Hexagon with 45 TOPS	PROCESSOR • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V • Intel® Core Ultra 7 processor 266V • Intel® Core Ultra 7 processor 268V NPU Intel® AI Boost with 40 TOPS • Intel® Core Ultra 5 processor 236V • Intel® Core Ultra 5 processor 238V Intel® AI Boost with 48 TOPS • Intel® Core Ultra 7 processor 266V • Intel® Core Ultra 7 processor 268V
Security	Enterprise-grade security with TPM 2.0 chip and BitLocker support • Windows 11 Secured-core PC • Microsoft Pluton technology • Windows Hello for Business with facial recognition and Enhanced Sign-In Security (ESS) • Integrated smart card reader (available on select 15" models and in select markets)		• Enterprise-grade security with TPM 2.0 chip and BitLocker support • Windows 11 Secured-core PC • Microsoft Pluton technology • Windows Hello for Business with facial recognition and Enhanced Sign-In Security (ESS) • Integrated smart card reader (available on select 15" models and in select markets)	• Enhanced security with Microsoft Pluton TPM 2.0 and BitLocker support • Windows 11 Secured-core PC • Windows Hello for Business Fingerprint Power Button with Enhanced Sign-in Security (ESS)	• Enhanced security with Microsoft Pluton TPM 2.0 and BitLocker support • Windows 11 Secured-core PC • Windows Hello facial recognition with Enhanced Sign-in Security • NFC authentication	Enterprise grade security with TPM 2.0 chip and BitLocker support Windows 11 Secured-core PC Microsoft Pluton security processor Windows Hello face authentication with Enhanced Sign-in Security	Enterprise grade security with TPM 2.0 chip and BitLocker support • Windows 11 Secured-core PC • Microsoft Pluton technology • Windows Hello for Business with facial recognition and Enhanced Sign-In Security (ESS) • NFC authentication
Software	Windows 11 Pro • Preloaded Microsoft 365 Apps7 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial28		• Windows 11 Pro • Preloaded Microsoft 365 Apps7 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial28	• Windows 11 Pro • Preloaded Microsoft 365 Apps7 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial8	• Windows 11 Pro • Preloaded Microsoft 365 Apps6 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial7	Windows 11 Pro Preloaded Microsoft 365 Apps12 Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial13	Windows 11 Pro • Preloaded Microsoft 365 Apps7 • Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial28
Sensors	Ambient color sensor		• Ambient color sensor • AG sensor *2 (Wi-Fi+5G only)	Ambient color sensor	• Ambient color sensor • Accelerometer • Gyroscope • Magnetometer • NFC	Accelerometer Gyroscope Magnetometer Ambient Color Sensor NFC	• Ambient color sensor • Accelerometer • Gyroscope • Magnetometer • NFC
What's in the box	Surface Laptop for Business 13.8" or 15" • Power Supply (In select markets, available only with specific configurations) • 13.8" 39W • 15" 65W • Quick Start Guide • Safety and warranty documents		• Surface Laptop for Business • Power Supply (In select markets, available only with specific configurations) • 13.8" 39W • 15" 65W • Quick Start Guide • Safety and warranty documents	• Surface Laptop 13-inch • USB-C® charging cable • Optional Surface 45W USB-C® Wall Charger • Quick Start Guide • Safety and warranty documents	• Surface Pro 12-inch • USB-C® charging cable • Optional Surface 45W USB-C Wall Charger • Quick Start Guide • Safety and warranty documents	Quick Start Guide Safety and warranty documents 39W Power Supply (In select markets, available only with specific configurations)	• Surface Pro for Business 13" • 39W Power Supply (In select markets, available only with specific configurations) • Quick Start Guide • Safety and warranty documents
Weight	• 2.97 lbs (1.35 kg)	• 3.66 lbs (1.66 kg) • 3.64 lbs (1.65 kg) with smart card reader	• 3.06 lbs (1.39 kg)	• Weight: 2.7 lbs (1.22 kg)	Weight: 1.5 lbs (686 g)	Weight: 1.97 lbs (895 g)	• 1.92 lbs (872 g)
Storage	Removable22 solid-state drive (Gen 4 SSD) 256GB, 512GB, 1TB		Removable22 solid-state drive (SSD Gen 4) 256GB, 512GB, 1TB	Storage options: Removable2 256GB (UFS), 512GB (UFS), removable2 solidstate drive 1TB (Gen 4 SSD)	256GB, 512GB, 1TB (UFS)	Removable3 solid-state drive (Gen 4 SSD): 256GB, 512GB, 1TB2	Removable22 solid-state drive (Gen 4 SSD): 256GB, 512GB, 1TB
Battery Life	Surface Laptop for Business 13.8" • Up to 20 hours of local video playback40 • Up to 12 hours of active web usage39		• Up to 20 hours of local video playback39 • Up to 12 hours of active web usage40	• Up to 23 hours of local video playback5 • Up to 16 hours of active web usage6	• Up to 16 hours of local video playback4 • Up to 12 hours of active web usage5	Surface Pro Wi-Fi Up to 14 hours of local video playback Up to 10 hours of active web usage	• Up to 14 hours of local video playback38 • Up to 10 hours of active web usage37
Graphics			Intel® Arc Graphics	Qualcomm® Adreno GPU	Qualcomm® Adreno GPU	Qualcomm® Adreno GPU	Intel® Arc Graphics
Connections	Surface Laptop for Business 13.8" • 2 x USB-C® with USB4®/Thunderbolt 4 ports with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to 2 x 4K monitors • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C®21 • USB-A 3.1 • 3.5 mm headphone jack • Surface Connect port	Surface Laptop for Business 15" • 2 x USB-C® with USB4®/Thunderbolt 4 with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to 2 x 4K monitors • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C®21 • USB-A 3.1 • MicroSDXC Express card reader15 • 3.5 mm headphone jack • Surface Connect port • Integrated smart card reader (available on select 15" models and in select markets	• 2 x USB-C® with USB4®/Thunderbolt 4 ports with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to 2 x 4K monitors • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C®21 • USB-A 3.1 • 3.5 mm headphone jack • Surface Connect port • NanoSIM (Wi-Fi+5G only)	2 x USB-C®/USB 3.2 ports to support: • Charging • Data transfer • DisplayPort 1.4a supporting up to 2 x 4K monitors @ 60 Hz • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via USB-C®3 • USB-A 3.1 • 3.5 mm headphone jack	• 2 x USB-C®/USB 3.2 ports to support: • Charging • Data transfer • DisplayPort 1.4a with support up to 2 x 4k monitors @ 60 Hz • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 45W charger via USB-C®2 • Surface Pro 12-inch Keyboard connector	2 X USB-C®/USB 4® ports with support for: • Charging • Data transfer • DisplayPort 1.4a • Surface Thunderbolt 4 Dock and other accessories Supports fast charging with minimum 65W power supply via Surface Connect or USB-C® Surface Pro Keyboard port Surface Connect port	2 x USB-C® with USB4®/ Thunderbolt 4 with support for: • Charging • Data transfer • DisplayPort 2.1 supporting up to 2 x 4K monitors • Surface Thunderbolt 4 Dock and other accessories • Supports fast charging with minimum 60W charger via Surface Connect or USB-C®20 • Surface Connect port • Surface Pro Keyboard port
Cameras, video and audio	1080p Full HD front-facing Surface Studio Camera • Supports Windows Studio Effects and Windows Hello for Business with facial recognition• Dual Studio Mics with voice focus13 • Omnisonic® Speakers with Dolby Atmos®14 • Support for Bluetooth® LE Audio		• 1080p Full HD front-facing Surface Studio Camera • Supports Windows Studio Effects and Windows Hello for Business with facial recognition• Dual Studio Mics with voice focus13 • Omnisonic® Speakers with Dolby Atmos®14 • Support for Bluetooth® LE Audio (Wi-Fi only)	• 1080p Full HD front-facing Surface Studio Camera • Support for Windows Studio Effects• Dual Studio Mics with voice focus13 • Omnisonic® speakers with Dolby Audio • Support for Bluetooth® LE Audio	• 1080p Full HD front-facing Surface Studio Camera • Support for Windows Studio Effects and Windows Hello for Business with facial recognition • 10 MP Ultra HD rear-facing camera• Dual Studio Mics with enhanced voice focus8 • 2W stereo speakers with Dolby Atmos®9 • Support for Bluetooth® LE Audio	Quad HD front-facing Surface Studio Camera • 1440p Quad HD camera with ultrawide field of view • Windows Studio Effects with automatic framing, Portrait Blur, Creative Filters (illustrated, animated, watercolor), Eye Contact, and Portrait Light 10 MP Ultra HD rear-facing camera Windows Hello face authentication camera	1440p Quad HD front-facing Surface Studio Camera with ultrawide field of view • Front-facing camera supports Windows Studio Effects and Windows Hello for Business with facial recognition • 10 MP Ultra HD rear-facing camera Dual Studio Mics with voice focus • 2W stereo speakers with Dolby Atmos® • Support for Bluetooth® LE Audio
Wireless	Wi-Fi 74 • Bluetooth® Core 5.4 technology		• Wi-Fi 74 • Bluetooth® Core 5.4 technology Wi-Fi+5G model also includes: • Location: GNSS L1, GPS, Galileo, BeiDou, QZSS and NAVIC support • NanoSIM and eSIM support8 • Supports 5G2 • Cellular • 5G-NR SA/NSA, Release 16, DL 256 QAM up to 2.9 Gbps, 4x4 MIMO, UL 256 QAM • 4G Gigabit LTE – Advanced Pro, Release 16, DL Cat 19 up to 1.6 Gbps, 256QAM, 4x4 MIMO, 5x DL CA, UL Cat 18, 256 QAM, Contiguous 2x ULCA • 5G-NR Bands: n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78 • LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 48, 66, 71 • WCDMA Bands: 1, 2, 4, 5, 8	• Wi-Fi 74 • Bluetooth® Core 5.4 technology	• Wi-Fi 73 • Bluetooth® Core 5.4 technology	Wi-Fi 7 Bluetooth® Wireless 5.4 technology	• Wi-Fi 74 • Bluetooth® Core 5.4 technology
Exterior	• Casing: Anodized aluminum • Colors:Platinum and Black		• Casing: Anodized aluminum and antenna-optimized composite palm rest • Colors:Platinum and Slate palm rest	• Casing: Anodized aluminum • Colors: Platinum	• Casing: Anodized aluminum • Colors: Platinum • Physical Buttons: Volume, Power	Casing: Anodized aluminum Colors: Platinum, Black Physical Buttons: Volume, Power	• Casing: Anodized aluminum • Colors:Platinum, Black • Physical Buttons: Volume, Power
Warranty	2-year limited hardware warranty		2-year limited hardware warranty	2-year limited hardware warranty	2-year limited hardware warranty	2-year limited hardware warranty	2-year limited hardware warranty
Pen Compatibility	Pen input is not supported on this device.		Pen input is not supported on this device.	Pen input is not supported on this device.	• Surface Pro 12-inch Keyboard • Designed for Surface Slim Pen with integrated storage and wireless charging on the back of the device • Supports haptic feedback with Surface Slim Pen • Supports Microsoft Pen Protocol (MPP)	Designed for Surface Slim Pen (2nd edition) Integrated storage and wireless charging for Surface Slim Pen (2nd edition) with Surface Pro Keyboard Supports tactile signals with Surface Slim Pen (2nd edition) Supports Microsoft Pen Protocol (MPP)	Designed for Surface Slim Pen • Supports tactile signals with Surface Slim Pen • Supports Microsoft Pen Protocol (MPP)
Note	Surface precision haptic touchpad with adjustable click sensitivity, right click area, and adaptive touch mode38 • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories • Includes Windows Accessibility		• Surface precision haptic touchpad with adjustable click sensitivity, right click area, and adaptive touch mode38 • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories • Includes Windows Accessibility Features – Learn more • Discover more Microsoft Accessible Devices & Products	KEYBOARD LAYOUT • Activation: Moving (mechanical) keys • Layout: QWERTY, full row of function keys (F1 – F12) • Windows key and dedicated buttons for media controls, screen brightness • Keyboard backlight • Copilot key12 • Precision touchpad	• Compatible with optional bold keyset on Surface Pro 12-inch Keyboard15 • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories • Includes Windows Accessibility Features: Learn more • Discover more: Microsoft Accessible Devices & Products	Keyboard compatibility: • Surface Pro Flex Keyboard • Surface Pro Keyboard with pen storage • Surface Pro Signature Keyboard • Surface Pro Keyboard • Surface Pro X Signature Keyboard • Surface Pro X Keyboard	• Compatible with the optional bold keyset versions of Surface Pro Keyboard and Surface Pro Flex Keyboard36 • Compatible with Surface precision haptic touchpad built into Surface Pro Flex Keyboard • Compatible with Surface Adaptive Kit and Microsoft adaptive accessories • Includes Windows Accessibility