

2-in-1 Detachable Tablet PC (LCD)	
Component	Specification
Processor & AI	
Processor	ARM-based 12-core SoC
AI Performance	45 TOPS on-chip NPU; Copilot+ PC certified
Memory & Storage	
RAM	16 GB
Storage	256 GB or 512 GB SSD
Display	
Screen Size	13 inches
Display Technology	LCD
Resolution	2880 x 1920
Refresh Rate	Up to 120 Hz adaptive
Brightness	600 nits SDR / 600 nits HDR
Contrast Ratio	1,200:1
HDR	Dolby Vision IQ
Touch	10-point multi-touch; Corning Gorilla Glass 5
Cameras & Audio	
Front Camera	Quad HD ultrawide with AI auto-framing
Rear Camera	10 MP
Authentication	Windows Hello face recognition



Microphones	Dual mics with AI noise cancellation
Speakers	Stereo with Dolby Atmos
Connectivity	
Ports	2 x USB-C (USB4); 1 x Surface Connect; keyboard connector
Wi-Fi	Wi-Fi 7
Bluetooth	Bluetooth 5.4
Security	
Security	TPM 2.0; Windows 11 Secured-core PC; Windows Hello; BitLocker (commercial)
Battery & Weight	
Battery Capacity	47 Wh
Battery Life	Up to 14 hours video; up to 10 hours web browsing
Weight	895 g (tablet only)
Software	
Operating System	Windows 11 Pro
Preferred Colours	Black (preferred); Silver (preferred)
Warranty	
Warranty	1-year limited hardware warranty

Detachable Keyboard Cover Specification	
Component	Specification
General	
Type	Detachable magnetic keyboard with integrated precision touchpad
Usage Modes	Attached (magnetic pogo-pin) and wireless detached (Bluetooth)
Material	Alcantara fabric
Features	
Backlight	Adjustable
Touchpad	Precision haptic with multi-finger gesture support
Dedicated Keys	Copilot key; microphone mute; snipping tool; media controls
Security	128-bit AES wireless encryption
Pen Storage	Integrated wireless charging tray for compatible stylus
Battery & Wireless	
Battery Life (wireless)	Up to 41 hours
Wireless	Bluetooth LE; up to 10 m range
Compatibility	
Compatible Devices	Surface Pro 8, 9, 10, 11 – Windows 11 required for wireless mode
Warranty	
Warranty	1-year limited hardware warranty

Digital Stylus Pen	
Component	Specification
General	
Type	Active capacitive stylus pen; flat ultra-slim form factor
Protocol	Microsoft Pen Protocol (MPP 2.0)
Connectivity	Bluetooth 5.0
Input Performance	
Pressure Sensitivity	4,096 levels
Tilt Support	Yes – full tilt detection for shading and calligraphy
Latency	Zero force inking; ink flows instantly on screen contact
Palm Rejection	Yes – write naturally with hand resting on screen
Haptic Feedback	
Haptic Motor	Built-in haptic motor; simulates pen-on-paper texture
Customizable Feedback	User-adjustable feedback intensity for hover, select, delete, and other actions
Battery & Charging	
Battery Type	Built-in rechargeable lithium-ion battery
Battery Life	Up to 15 hours
Charging Method	Wireless magnetic charging via compatible keyboard storage tray or standalone charger (sold separately)
Physical	

Dimensions	136.73 mm x 11.18 mm x 6.35 mm
Design	Flat ultra-slim profile; friction-coated grip surface
Compatibility	
Compatible Devices	Surface Pro 8, 9, 10, 11, Pro X; Surface Laptop Studio; all devices supporting MPP 2.0
Copilot+ AI Features	Supports Cocreator AI image generation (Copilot+ PC required)
Warranty	
Warranty	1-year limited hardware warranty