ComX Computers
Product Specification Sheet

EP2-48074

Microsoft Surface 13.8" 8th Edition Core Ultra 3 Notebook Ultra X7 368H 5.0GHz 64GB 1TB 13.8" 2304x1536 Intel Arc B390 BT Win 11 Pro

Product Overview

Microsoft Surface 13.8" 8th Edition Series Core Ultra Series 3 EP2-48074 Platinum Notebook, Intel Core Ultra X7 368H Series 3 Sixteen (16) Core Panther Lake Turbo Boost up to 5Ghz 18MB L3 Cache Processor (4 Perfomance Cores & 8 Efficient-cores & 4 Low Power Efficient Cores), 64GB LPDDR5 Memory onboard, Supports 64GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 13.8" Capacitive Multi Touch Screen (2304 x 1536 resolution) Glossy Type LED Backlit Display, Intel Arc B390 Graphics, Intel NPU Peak 50 TOPS, Wi-Fi 7, Bluetooth, Webcam, 1x USB 3.2 Type-A, 2x Thunderbolt 4, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

Upgrade your business workflow with the Microsoft Surface Laptop for Business 13.8-inch (8th Edition), featuring powerful Intel Core Ultra 7 performance and advanced AI capabilities tailored for modern professionals in South Africa. This premium silver notebook combines sleek aluminium design with a stunning anti-reflective touchscreen, ensuring clear visibility even in bright environments while delivering exceptional battery life for all-day productivity.

Equipped with 64GB of onboard RAM and a spacious 1TB SSD, this laptop handles demanding multitasking with ease, making it ideal for data analysis, video conferencing, and creative work. Secure your business operations with Windows Hello authentication and comprehensive enterprise security features, all packaged in a lightweight chassis that fits perfectly into any professional setting.

Secure your productivity today by buying now and experience the perfect blend of style and performance designed for the modern workplace. Shop now to transform how you work with this high-performance business laptop ready for immediate delivery across South Africa.

Laptop performance tier: High-End Business

Uses: Enterprise productivity, Data analysis, Video conferencing, Content creation, Software development, Financial modeling

Overview:

The Microsoft Surface Laptop for Business 13.8-inch, part number EP2-48074, is a premium mobile workstation engineered to meet the rigorous demands of modern enterprise environments. This sleek notebook blends high-performance Intel Core Ultra processing with advanced AI capabilities, ensuring seamless productivity whether you are working from the office, at home, or traveling. Designed for professionals who value both style and substance, it features a stunning PixelSense touchscreen display with an anti-reflective coating that delivers vibrant visuals even in bright conditions.

Beyond its powerful hardware, this device prioritizes security and connectivity, offering robust protection through Windows Hello and TPM 2.0 integration. The inclusion of AI-assisted tools streamlines daily workflows, while the long-lasting battery life ensures you stay productive throughout your busiest days without needing to hunt for a power outlet.

Description

This Microsoft Surface Laptop for Business (8th Edition) is the ultimate choice for professionals seeking a balance of portability and power. It combines an Intel Core Ultra 7 processor with up to 64 GB of RAM to handle demanding multitasking and data-intensive applications effortlessly. The device boasts a high-resolution 13.8-inch touchscreen, comprehensive security features, and all-day battery life, making it ideal for executives, developers, and mobile workers who require reliability on the go.

Features:

Performance and Display

At the heart of this machine lies the Intel Core Ultra 7 366H processor running at 2.0 GHz, paired with an impressive 64 GB of onboard LPDDR5X memory to ensure smooth operation under heavy loads. The visual experience is elevated by a 13.8-inch PixelSense touchscreen featuring a 3:2 aspect ratio and a physical resolution of 2304 x 1536 pixels, delivering sharp text and vivid colors with a brightness of 600 cd/m² and a contrast ratio of 1300:1.

- Processor: Intel Core Ultra 7 366H (2.0 GHz)
- Memory: 64 GB LPDDR5X RAM
- Display Size: 35.05 cm (13.8 inches) PixelSense Touchscreen
- Resolution: 2304 x 1536 pixels at a 3:2 aspect ratio
- Brightness and Contrast: 600 cd/m² with 1300:1 contrast ratio

Storage, Graphics, and Operating System

Users benefit from generous onboard storage with a 1 TB SSD housed in an M.2 PCIe slot, which also allows for removable upgrades to accommodate future data needs. The system runs on Windows 11 Pro 64-bit and utilizes integrated Intel Graphics for efficient visual processing without the need for a dedicated graphics card.

- Operating System: Windows 11 Pro 64-bit
- Storage Capacity: 1 TB SSD (M.2 PCIe)
- Graphics Type: Integrated Intel Graphics

Connectivity and Ports

Staying connected is effortless thanks to built-in WLAN and Bluetooth capabilities, supported by a versatile array of ports designed for modern peripherals. The chassis includes two Thunderbolt 4 ports, one USB 3.2 Type-A port, a Surface Connect port for proprietary charging, and a combined microphone/headphone jack.

- Wireless Connectivity: WLAN and Bluetooth
- Ports: 1 x USB 3.2 Type-A, 2 x Thunderbolt 4, 1 x Surface Connect, 1 x Mic/Headphone combo

Battery Life and Power Supply

Engineered for mobility, the laptop features a six-cell Li-ion battery with a capacity of 4755 mAh to support long working hours. It supports fast charging via USB Power Delivery and comes equipped with an AC adapter that offers a power output ranging from 39 W up to 65 W depending on usage demands.

- Battery Type: 6-cell Li-ion
- Battery Capacity: 4755 mAh
- Charging Support: Fast charging via USB Power Delivery
- Power Supply: Included 39 W adapter (up to 65 W output)

Design, Security, and Camera

The device sports a sophisticated silver finish with an aluminum casing that is both durable and lightweight, tipping the scales at just 1.35 kg while measuring 220 x 18 x 301 mm. Security is paramount for business users, with built-in Windows Hello support and TPM 2.0 encryption ensuring data protection.

- Dimensions: 220 x 18 x 301 mm
- Weight: Starting at 1.35 kg
- Color: Silver Aluminum Casing
- Security: Windows Hello and TPM 2.0
- Camera: 2 MP Full HD webcam with intelligent features

Key Features Summary

- AI-assisted productivity tools for modern workflows
- Premium anti-reflective touchscreen display certified to ISO standards
- High-performance Intel Core Ultra 7 processor for demanding tasks
- Comprehensive security features including Windows Hello and TPM 2.0

- Long battery life with fast charging capabilities

What's in the box

- Microsoft Surface Laptop for Business 13.8-inch (8th Edition)
- Purchase power supply unit (39 W)

Specifications:

Product	
Product type	Notebook
Display	
Display size	35.05 cm (13.8")
Display surface	Anti-reflective
Physical resolution	2304 x 1536
Aspect ratio	3:2
Brightness	600 cd/m²
Contrast	1300:1
Touchscreen	Multi-touch
Design	
Colour	Silver
Processor	
Processor family	Intel Core Ultra 7
Processor model	Intel Core Ultra 7 366H, 2.0 GHz
Memory	
RAM	64 GB
Onboard (of total)	64 GB
RAM type	LPDDR5X
RAM (max.)	64 GB
Operating system	
Operating system	Windows 11 Pro 64-bit
Graphics	
Graphics type	Onboard / -
Graphics	Intel Graphics
Storage	
SSD	1 TB
SSD form factor	1 x M.2 PCIe
Connectivity	
Wireless	Bluetooth, WLAN
Connectors	1 x mic / headphones combo, 1 x Surface Connect, 1 x USB 3.2 Type-A, 2 x Thunderbolt 4
Features	

Built-in webcam	2 MP FHD
Keypad	Copilot key, Background illumination, Multi-touch touchpad
Drives	
Drives	-
Performance	
Battery cells	6 cells
Battery technology	Li-ion
Battery capacity	4755 mAh
Special features	
Special features	AI capabilities, Aluminium casing, Anti-reflective coating, Removable SSD
Physical properties	
Dimensions (W x H x D)	220 x 18 x 301 mm
Weight from	1.35 kg
Security	
Security	Windows Hello, TPM 2.0
PSU	
Incl. AC adapter	Yes
Minimum power supply output (W)	39 W
Maximum power supply output (W)	65 W
Fast charging via USB Power Delivery	Yes
Includes	
Includes	Power supply (39 W)

FAQ

What are the connectivity options available on this Microsoft Surface Laptop?

This business notebook includes versatile ports for modern workflows: 2 x Thunderbolt 4, 1 x USB 3.2 Type-A, 1 mic/headphones combo, and a Surface Connect port, plus built-in WLAN and Bluetooth.

Is the RAM upgradeable if I need more power later?

No, this model comes with 64 GB of onboard LPDDR5X memory that cannot be expanded; however, the SSD is removable for storage upgrades if needed.

How does the display perform in bright environments?

The 13.8-inch PixelSense touchscreen features an anti-reflective coating and high brightness of 600 cd/m², making it easy to view clearly even under strong lighting conditions.

Does this laptop support facial recognition login?

Yes, it includes Windows Hello for secure sign-in authentication alongside TPM 2.0 security features designed for enterprise environments.

What is included in the box regarding power and accessories?

The package includes a 39 W AC adapter; note that while the laptop supports fast charging via USB Power Delivery, you will receive the specific 39 W unit rather than a higher wattage charger.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-EP2-48074-Microsoft-Surface-13-lp-341478.php

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