

ASUS P3406CCAP-U716512G0X

Asus ExpertBook P3 G1 P3406CCA Core Ultra 2 Notebook Ultra 7 255H 5.1GHz 16GB 512GB 14" WUXGA Arc 140T BT Win 11 Pro

Product Overview

Asus ExpertBook P3 G1 P3406CCA Series Core Ultra Series 2 ASUS P3406CCAP-U716512G0X Grey Notebook, Intel Core Ultra 7 255H Series 2 Sixteen (16) Core Arrow Lake Turbo Boost up to 5.1Ghz 24MB L3 Cache Processor (6 Performance Cores & 8 Efficient Cores & 2 Low Power Efficient Cores), 16GB DDR5-5200 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2230 slot + M.2 2280 Slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Non Gloss Type 300nits LED Backlit Display, Intel Arc Graphics 140T, Intel AI Boost 13 TOPS, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, 1x USB 3.2 Gen 2 Type-C support display / power delivery, 2x USB 3.2 Gen 1 Type-A, 1x Thunderbolt 4, compliant with USB4, support display / power delivery, HDMI output, 1.5 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty





Specifications

Summary Overview:

Upgrade your professional workflow with the ASUS ExpertBook P3 G1, a powerful and durable business laptop engineered for today's demanding South African market. Powered by the latest Intel Core Ultra 7 processor and enhanced with AI capabilities, this Misty Grey machine ensures seamless performance for multitasking, video conferencing, and complex applications while maintaining military-grade durability to withstand daily travel.

Designed for professionals who value reliability and efficiency, the ExpertBook P3 G1 features an intelligent thermal solution to keep you cool under pressure and a lightweight chassis that makes it easy to carry wherever your work takes you. With long battery life and robust security features like ASUS ExpertGuardian, you can work with confidence knowing your data is protected.

Secure the perfect tool for your business needs today by adding this high-performance laptop to your cart. Buy now to experience superior AI productivity tools and premium build quality that will keep your business moving forward without interruption.

Laptop performance tier:High-End Business

Uses:Data analysis, video conferencing, software development, multitasking, remote work, presentation creation

Overview:

Crafted for Productivity

The ASUS ExpertBook P3 G1 is engineered to be intelligent and efficient by design. By integrating the Intel Core Ultra 7 processor with AI capabilities through ASUS MyExpert, it enables smooth business operations tailored for modern workflows. The device features an optimized thermal solution that efficiently dissipates heat, maintaining stable performance even under heavy workloads while keeping the chassis cool and quiet. Its sleek, scratch-resistant metallic lid combined with a lightweight design ensures portability without compromising on robustness.

This laptop is built to support demanding professionals who need reliability in every environment. Whether you are managing complex spreadsheets or attending high-stakes video conferences, the system adapts to your needs. The inclusion of military-grade durability standards means the device can withstand the rigors of daily travel and office use, making it an ideal companion for executives and mobile workers alike.

Description

The ASUS ExpertBook P3 G1 (Part Number: ASUS P3406CCAP-U716512G0X) is a high-performance business laptop designed to keep professionals productive and secure. Powered by the latest Intel Core Ultra 7 processor with dedicated AI capabilities, this Misty Grey notebook delivers seamless multitasking up to 96 GB of DDR5 memory and expansive dual SSD

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storage options. It combines military-grade durability with advanced ASUS ExpertGuardian security, ensuring your data stays protected while you work anywhere.

Battery: 70 Whr with fast charging support

Features:

AI-Enhanced Performance

Redefining how work gets done, this notebook leverages artificial intelligence to streamline tasks and enhance collaboration. ASUS MyExpert brings AI-powered productivity tools directly into your workflow, offering professional writing assistance and secure file protection all within one intuitive application. For global teams, the AI ExpertMeet feature eliminates language barriers during international calls by providing real-time translation and speaker identification.

The system also includes Microsoft Copilot in Windows to automate repetitive tasks and streamline your daily routines with a dedicated key for easy access. To ensure crystal-clear communication, two-way AI noise-canceling technology filters out background distractions, allowing you to focus entirely on the conversation at hand.

- ASUS MyExpert for writing and file security
- AI ExpertMeet for translation and meeting minutes
- Microsoft Copilot integration for task automation
- Two-way AI noise canceling technology

Visuals and Audio Experience

The ASUS ExpertBook P3 G1 features a 14-inch NanoEdge display with an impressive 88% screen-to-body ratio, providing more workspace in a compact form factor. The 16:10 aspect panel is designed to reduce eye strain with TÜV Rheinland protection and an anti-glare finish that minimizes reflections in bright environments. For audio, Dirac-tuned technology paired with dual speakers ensures clear sound quality for presentations and calls.

Communication tools are further enhanced by the ASUS voice enhancer, which makes voices louder and easier to understand even in noisy settings. The webcam includes a physical privacy shutter to protect your security when not in use, while the screen watermark feature allows you to display your business card details during video conferences to make a lasting professional impression.

- 14-inch WUXGA (1920 x 1200) NanoEdge display
- TÜV Rheinland eye protection and anti-glare panel
- Dirac-tuned audio with dual speakers
- 720p HD webcam with privacy shutter

Rugged Durability and Security

Designed for the toughest environments, this laptop meets military-grade MIL-STD-810H standards after undergoing over 150 testing procedures. It is rigorously tested for extreme temperatures, shock, vibration, dust ingress, and even salt fog exposure to ensure it survives harsh conditions. The chassis also undergoes wear-resistance tests simulating years of typing to maintain its appearance.

Security is paramount with the ASUS ExpertGuardian suite, offering enterprise-grade protection that includes hardware access safeguards, cloud recovery options, and up to five years of security updates. The system supports NIST-compliant standards and includes McAfee Smart AI threat detection to keep your business data safe from evolving cyber threats.

- Military-grade MIL-STD-810H durability certification
- ASUS ExpertGuardian with 5-year security updates
- Fingerprint sensor integrated into the power key
- Kensington Nano Security Slot for physical locking

Connectivity and Ports

Stay connected anywhere with a comprehensive lineup of ports that support diverse business needs. The device includes Thunderbolt 4 USB-C for high-speed data transfer and display output, along with HDMI 2.1 for external monitors. An RJ45 Ethernet port ensures stable wired networking when Wi-Fi is unavailable.

The I/O layout also features multiple USB Type-A ports for peripherals and a combo audio jack for headsets. A Kensington Nano lock slot provides an additional layer of physical security to deter theft in public spaces or open offices.

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- Thunderbolt 4 USB-C with power delivery
- HDMI 2.1 for external displays
- RJ45 Gigabit Ethernet port
- Kensington Nano Security Slot

What's in the box

The package includes the ASUS ExpertBook P3 G1 laptop, a 65W Type-C AC adapter with power cord, and essential documentation to get you started. The system comes pre-installed with Windows 11 Pro and includes a trial for Microsoft 365.

Technical Specifications

The ASUS ExpertBook P3 G1 is powered by an Intel Core Ultra 7 Processor 255H, featuring up to 16 cores and an integrated Intel AI Boost NPU capable of up to 13 TOPS. Memory can be upgraded via two DDR5 SO-DIMM slots, supporting configurations up to 96 GB. Storage is flexible with dual M.2 PCIe 4.0 SSD slots allowing for up to 6 TB of total capacity.

- Processor: Intel Core Ultra 7 Processor 255H
- Memory: Up to 96 GB DDR5 (2 slots)
- Storage: Dual M.2 PCIe 4.0 SSDs (Up to 6 TB total)
- Operating System: Windows 11 Pro
- Battery: 70 Whr with fast charging support

Specifications:

Model	P3406CCAP / 90NX0AM1-M00E60
Operating System	Windows 11 Pro
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Misty Grey
Top case-material	Plastic
Top case-color	Misty Grey
Bottom case-material	Plastic
Bottom case-color	Misty Grey
Military grade	US MIL STD 810H military grade standard (24 procedures)
Panel Size	14.0-inch
Backlit	LED Backlit
Brightness	300nits
Resolution	WUXGA (1920 x 1200) 16:10
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	160/160
Response time(Typ/Max) (ms)	20/25
Refresh rate	60Hz
Contrast (Typ)	800:1
Touch Panel	Non-touch screen
Screen-to-body ratio	88 %
IPS-level	Wide view

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Processor	Intel Core Ultra 7 Processor 255H 2.0 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 16 Threads) , Intel AI Boost NPU up to 13 TOPS
Neural processor	Intel AI Boost NPU
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel Graphics
VRAM	N/A
How to upgrade memory	Upgradable , Need to remove bottom/top case
Expansion Slot(includes used)	2x DDR5 SO-DIMM slots
	1x M.2 2280 PCIe 4.0x4
	1x M.2 2230 PCIe 4.0x4
DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 16GB
Storage	512GB M.2 2280 NVMe PCIe 4.0 SSD
Front-facing camera	720p HD camera
	With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.4 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Chiclet Keyboard
Keyboard language	English
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery
	2x USB 3.2 Gen 1 Type-A
	1x Thunderbolt 4, compliant with USB4, support display / power delivery
	1x HDMI 2.1 TMDS
	1x 3.5mm Combo Audio Jack
	1x RJ45 Gigabit Ethernet
Audio	Audio by Dirac
	Built-in speaker
	Built-in array microphone
Battery	50WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord)
Required charging power	Min: 55W
	Max: 65W
	*The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.

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Dimension (WxHxD)	31.60 x 22.78 x 1.17 ~ 1.99 cm (12.44" x 8.97" x 0.46" ~ 0.78")
Starting Weight (with Battery)	1.49 kg (3.28 lbs)
Starting Weight (w/o Battery)	1.30 kg (2.87 lbs)
Security	Fingerprint sensor integrated with Power Key
	Kensington Nano Security Slot (6x 2.5mm)
	Intel BIOS Guard
	Trusted Platform Module (Firmware TPM)
	BIOS Self Recovery
	BIOS Integrity Measurement Support
	BIOS Booting User Password Protection
	Intel CSME Firmware Resilience
	Enhanced Password Strength
	BIOS setup user password
	HDD User Password Protection and Security
	Microsoft Security Level 3
	Support Absolute Persistence 2.0 (Computrace)
	CSME BIOS Redundancy Assistance
	Intel Boot Guard
	ASUS ExpertGurdian with NIST SP 800 155 compliance
Antivirus	McAfee 30 days free trial
MyASUS feature	System diagnosis
	Battery health charging
	Fan Profile
	Splendid
	Tru2Life
	Function key lock
	AppDeals
MyExpert Features	Advanced Tool
	ExpertMeet(All)
	SafeGuard Backup(Dual SSD, additional purchase before shipment)
Built-in Apps	MyASUS
Reparability Index (for Belgium)	9.2
Reparability Index (for France)	9.7

Ecolabels & Compliances	Energy star 9.0
	FSC Recycled
	REACH
	RoHS
	TCO Certified Generation 10

FAQ

Is the ASUS ExpertBook P3 G1 suitable for heavy multitasking and demanding workloads?

Yes, this laptop is powered by an Intel Core Ultra 7 processor and supports up to 96 GB of DDR5 memory and dual SSDs, allowing it to handle intensive tasks smoothly.

How long does the battery last and can it charge quickly?

The device features a high-capacity 70 Wh battery that offers up to 21 hours of life, with fast charging capabilities that reach 65% power in just 49 minutes.

What security measures are included to protect business data?

This notebook includes ASUS ExpertGuardian for enterprise-grade protection, featuring a fingerprint sensor, TPM, BIOS recovery, and NIST-compliant software safeguards.

Does the screen offer good visibility in bright environments?

The 14-inch NanoEdge display is designed with an anti-glare finish and TÜV Rheinland eye protection to minimize reflections and reduce strain during extended use.

Can I upgrade the memory or storage on this laptop later?

Yes, the system includes two DDR5 SO-DIMM slots for upgradable memory (up to 96 GB) and dual M.2 SSD slots for expanding storage capacity up to 6 TB.

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-ASUS-P3406CCAP-U716512G0X-Asus-lp-341441.php>

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