

ASUS ExpertBook B3604CMA-Q90645X Intel Core Ultra 7 155H Computer portatile 40,6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Nero

Marchio : ASUS

Famiglia del prodotto:
ExpertBook

Codice prodotto: 90NX0731-
M00PP0

Nome del prodotto :
B3604CMA-Q90645X



Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel Arc Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Configurato per migliorare il tuo business

ASUS ExpertBook B3 è stato progettato per il successo aziendale, aumentando la produttività, elevando la sicurezza e consentendo la comunicazione in tempo reale con aggiornamenti flessibili. Le sue potenti caratteristiche all'avanguardia includono processori fino a Intel® Core™ i7 grafica fino a NVIDIA® RTX™ 2050 o Intel® UHD™ oltre a uno schermo vibrante con rapporto di aspetto 16:10. L'ExpertBook B3 è anche ricco di connettività, dispone di SSD PCIe® 4.0, chip TPM sicuro, doppia memoria SO-DIMM per semplificare gli aggiornamenti e resistenza di livello militare MIL-STD-810H2,2 il tutto in un design che abbraccia una visione eco-consapevole che incarna responsabilità e sostenibilità.



Design		Graphics	
Colour name	Star Black	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✗
Product colour *	Black	On-board graphics card family	Intel Arc Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Arc Graphics
Housing material	Plastic	Audio	
Market positioning	Business	Audio system	Dirac
Introduction year	2024	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WUXGA	Infrared (IR) camera	✓
LED backlight	✓	Privacy camera	✓
Native aspect ratio	16:10	Privacy type	Privacy shutter
Anti-glare screen	✓	Network	
Display brightness	300 cd/m²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	NTSC	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	45%	Mobile network connection *	✗
Maximum refresh rate	60 Hz	Antenna type	2x2
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Bluetooth version	5.3
Processor model *	155H	Ports & interfaces	
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor threads	22		
Processor boost frequency	4.8 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-cores	2	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.8 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.8 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	1.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	0.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Processor base power	28 W	Keyboard backlit	✓
Maximum turbo power	115 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Maximum frequency NPU	1.4 GHz	Trial software	1-month trial for new Microsoft 365 customers.
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	AC adapter output current	3.25 A
Maximum internal memory *	32 GB	AC adapter output voltage	20 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, HDD, User
On-board graphics card *	✓	Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Mix, TCO
		Weight & dimensions	
		Width	358 mm
		Depth	254.3 mm
		Height	20.3 mm



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