

ASUS ExpertBook B1 Intel Core 5 120U 16GB RAM 256GB SSD 15.6" Windows 11 Pro Business Laptop



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0801-M0APY0

Product name : ASUS

Expertbook Intel Core 5 120U
16GB RAM 256GB SSD 15.6"
Windows 11 Pro Business Laptop

- Windows 11 Pro 64-bit
 - Intel Core 5 120U (12MB Cache)
 - 15.6" Full HD 1920 x 1080
 - 16GB DDR5-SDRAM (1 x 16) & 256GB SSD
- Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 256GB SSD, 15.6" Full HD 1920 x 1080, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B1 Intel Core 5 120U 16GB RAM 256GB SSD 15.6" Windows 11 Pro Business Laptop:

Elevated, effortless and secure

ASUS ExpertBook B1 offers extensive customization options to empower your business. Designed with productivity in mind, it features AI capabilities such as AI ExpertMeet, Copilot in Windows, and AI noise-canceling technology enables you do your best. Powered by the latest Intel® Core™ 7 processor and offering military-grade durability, it is engineered to handle various tasks smoothly. It includes a full set of I/O ports, fast connection up to Wi-Fi 6E, and advanced security features. Lightweight with long battery life and stunning visuals and audio, it provides flexibility wherever you work. ASUS ExpertBook B1 streamlines your workflow to keep you productive.

Design		Camera	
Colour name	Gentle Grey	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Privacy camera	✓
Housing material	Plastic	Privacy type	Privacy shutter
Display back cover material	Plastic	Network	
Market positioning	Business	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2024	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.4
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m ²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	1.4
Contrast ratio (typical)	800:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel Core 5	Pointing device	Touchpad
Processor generation	Intel Core (Series 1)	Numeric keypad *	✓
Processor model *	120U	Keyboard backlit	✓
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		

Processor		Keyboard	
Efficient cores	8	Spill-resistant keyboard	✓
Performance-core Max Turbo Frequency	5 GHz	Keyboard layout	QWERTY
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard language	UK English
Performance-core base frequency	1.4 GHz	Software	
Efficient-core base frequency	0.9 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	1-month trial for new Microsoft 365 customers; McAfee 30 days free trial
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Battery	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	16 GB	Battery capacity *	63 Wh
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	AC adapter output current	3.25 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	256 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	55 W
Total SSDs capacity	256 GB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	256 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✗	Password protection	✓
Graphics		Password protection type	BIOS, HDD, User
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	REACH
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Recycled, TCO
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width	359.5 mm
Audio		Depth	232.2 mm
Audio system	Dirac	Height	19.9 mm
Built-in microphone	✓	Weight *	1.69 kg
		Packaging content	
		AC adapter included *	✓



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