SAMSUNG

Samsung Galaxy Book2 Business NP641BED-KA4UK laptop Intel® Core™ i5 i5-1240P 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Graphite

Brand : Samsung

Product family: Galaxy Book2 Business

Product code: NP641BED-KA4UK

Product name : NP641BED-KA4UK

14" 1920 x 1080 Full HD, Intel Core i7-1260P, 16 GB DDR4-SDRAM, 512 GB SSD, Intel Iris Xe Graphics, WLAN 802.11, WebCam, Windows 11 Pro
Samsung Galaxy Book2 Business NP641BED-KA4UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1240P. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Graphite. Weight: 1.5 kg

Design	
Product type *	Laptop
Product colour *	Graphite
Form factor *	Clamshell
Market positioning	Business
Original brand name	Samsung
Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	PLS
Anti-glare screen	✓
Display diagonal (metric)	35.6 cm
Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-1240P
Processor cores	12
Performance cores	4
Efficient cores	8
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W
Memory	
Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory form factor	On-board + SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	16 GB
Storage	
Total storage capacity *	256 GB
Storage media *	SSD

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	✓
Camera	
Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✓
Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✓
Bluetooth	✓
Bluetooth version	5.1
Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	USB Type-C
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✓
Software	
Operating system installed *	Windows 11 Pro
Processor special features	
Intel Flex Memory Access	✓

Storage	
Number of SSDs installed	1
SSD capacity	256 GB
NVMe	✓
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics
On-board graphics card 4K support	✓
On-board graphics card 6K support	✓
Graphics card Open GL support	✓

Processor special features	
Intel Trusted Execution Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Virtualization Technology (VT-x)	✓

Battery	
Battery capacity *	51.6 Wh

Security	
Cable lock slot	✓
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓

Weight & dimensions	
Width	326.4 mm
Depth	213.8 mm
Height	19.9 mm
Weight *	1.5 kg

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