SAMSUNG

Samsung Galaxy Book Pro Galaxy Book3 Pro Enterprise Edition Intel® Core™ i5 i5-1340P Laptop 35.6 cm (14") WQXGA+ 16 GB LPDDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Graphite

Brand : Samsung

Product name : Galaxy Book3 Pro Enterprise Edition

Product family: Galaxy Book Pro

Product code: NP944XFG-KC4UK

- Windows 11 Pro
- Intel Core i5-1340P (12MB Cache)
- 35.6 cm (14") WQXGA+ 2880 x 1800 AMOLED
- 16GB LPDDR5-SDRAM & 256GB SSD

Samsung Galaxy Book3 Pro Enterprise Edition Intel Core i5-1340P (12MB Cache), 16GB LPDDR5-SDRAM, 256GB SSD, 35.6 cm (14") WQXGA+ 2880 x 1800 AMOLED, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro

Samsung Galaxy Book Pro Galaxy Book3 Pro Enterprise Edition. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1340P, Processor frequency: 1.9 GHz. Display diagonal: 35.6 cm (14"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-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

Design

Colour name	Graphite
Product type *	Laptop
Product colour *	Graphite
Form factor *	Clamshell
Housing material	Aluminium
Market positioning	Business
Introduction year	2023
Introduction month	March
Intel® vPro™ Platform Eligibility	✖
Refurbished	✖
Country of origin	Vietnam
Original brand name	Samsung

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✖
HD type	WQXGA+
Panel type	AMOLED
Display technology marketing name	Dynamic AMOLED 2X
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	400 cd/m²
Maximum display brightness (HDR)	500 cd/m²
Standard Dynamic Range (SDR) brightness	400 cd/m²
Pixel density	243 ppi
Display diagonal (metric)	35.6 cm
RGB colour space	DCI-P3
Colour gamut	120%
Maximum refresh rate	120 Hz
Contrast ratio (typical)	2000000:1
High Dynamic Range (HDR) supported	✔

Camera

Front camera resolution (numeric)	2 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	60 fps
Infrared (IR) camera	✖
Privacy camera	✖
Rear camera	✖

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Mobile network connection *	✖
Wi-Fi data rate (max)	2400 Mbit/s
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✖
Bluetooth	✔
Bluetooth version	5.1
WWAN	Not installed
MIMO	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.0
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
Charging port type	USB Type-C

Performance

GPS (satellite)	✔

Display

High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-1340P
Processor cores	12
Processor boost frequency	4.6 GHz
Processor frequency *	1.9 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM
Memory clock speed	6000 MHz
Memory form factor	On-board
Memory slots	Not available
Maximum internal memory *	16 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
SSD performance class	50
Intel® Optane™ Memory module installed	✘
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	✔

Audio

Audio chip	Realtek ALC298
Audio system	Dolby Atmos
Number of built-in speakers	4
Speakers manufacturer	AKG
Speaker power	14 W
Built-in subwoofer	✘
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔

Keyboard

Pointing device	Touchpad
Keyboard layout	QWERTY
Keyboard language	English
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard number of keys	80

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
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 technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity	4081 mAh
Battery capacity *	63 Wh
Battery voltage	15.44 V
Continuous video playback time	16 h
Battery recharge time	1.5 h
Fast charging	✔
Battery weight	241 g

Power

AC adapter power	65 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100-240 V
AC adapter output current	20 A
AC adapter output voltage	3.25 V
Power auto-sensing	✔

Security

Cable lock slot	✘
Fingerprint reader	✔
Smart card reader	✘
Face recognition	✘
Palm vein scanner	✘
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	312.3 mm
Depth	223.8 mm
Height	11.3 mm
Weight *	1.17 kg

Packaging data

Package width	413.3 mm
Package depth	246.4 mm
Package height	42.8 mm
Package weight	489.5 g

Packaging content	
Cables included	USB Type-C
Logistics data	
Harmonized System (HS) code	8471300000

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