

## 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 family:** Galaxy Book Pro

**Product code:** NP944XFG-KC4UK

**Product name :** Galaxy Book3 Pro Enterprise Edition

- 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                                  |                       | Camera                                            |                                                                                       |
|-----------------------------------------|-----------------------|---------------------------------------------------|---------------------------------------------------------------------------------------|
| Colour name                             | Graphite              | Front camera resolution (numeric)                 | 2 MP                                                                                  |
| Product type *                          | Laptop                | Front camera resolution                           | 1920 x 1080 pixels                                                                    |
| Product colour *                        | Graphite              | Front camera HD type                              | Full HD                                                                               |
| Form factor *                           | Clamshell             | Video capturing speed                             | 60 fps                                                                                |
| Housing material                        | Aluminium             | Infrared (IR) camera                              | ✗                                                                                     |
| Market positioning                      | Business              | Privacy camera                                    | ✗                                                                                     |
| Introduction year                       | 2023                  | Rear camera                                       | ✗                                                                                     |
| Introduction month                      | March                 |                                                   |                                                                                       |
| Intel® vPro™ Platform Eligibility       | ✗                     | Network                                           |                                                                                       |
| Refurbished                             | ✗                     | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)                                                                   |
| Country of origin                       | Vietnam               | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Original brand name                     | Samsung               | Mobile network connection *                       | ✗                                                                                     |
| Display                                 |                       | Wi-Fi data rate (max)                             | 2400 Mbit/s                                                                           |
| Display diagonal *                      | 35.6 cm (14")         | WLAN controller model                             | Intel Wi-Fi 6E AX211                                                                  |
| Display resolution *                    | 2880 x 1800 pixels    | WLAN controller manufacturer                      | Intel                                                                                 |
| Touchscreen *                           | ✗                     | Ethernet LAN                                      | ✗                                                                                     |
| HD type                                 | WQXGA+                | Bluetooth                                         | ✓                                                                                     |
| Panel type                              | AMOLED                | Bluetooth version                                 | 5.1                                                                                   |
| Display technology marketing name       | Dynamic AMOLED 2X     | WWAN                                              | Not installed                                                                         |
| Native aspect ratio                     | 16:10                 | MIMO                                              | ✓                                                                                     |
| Display surface                         | Gloss                 | Ports & interfaces                                |                                                                                       |
| Display brightness                      | 400 cd/m <sup>2</sup> | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                                                                                     |
| Maximum display brightness (HDR)        | 500 cd/m <sup>2</sup> | HDMI ports quantity *                             | 1                                                                                     |
| Standard Dynamic Range (SDR) brightness | 400 cd/m <sup>2</sup> | HDMI version                                      | 2.0                                                                                   |
| Pixel density                           | 243 ppi               | Thunderbolt 4 ports quantity                      | 2                                                                                     |
| Display diagonal (metric)               | 35.6 cm               | Intel® Thunderbolt 4                              | ✓                                                                                     |
| RGB colour space                        | DCI-P3                | Combo headphone/mic port                          | ✓                                                                                     |
| Colour gamut                            | 120%                  | Charging port type                                | USB Type-C                                                                            |
| Maximum refresh rate                    | 120 Hz                | Performance                                       |                                                                                       |
| Contrast ratio (typical)                | 2000000:1             | GPS (satellite)                                   | ✓                                                                                     |
| High Dynamic Range (HDR) supported      | ✓                     |                                                   |                                                                                       |

|                                        |                               |                                                         |                      |
|----------------------------------------|-------------------------------|---------------------------------------------------------|----------------------|
| <b>Display</b>                         |                               | <b>Keyboard</b>                                         |                      |
| High Dynamic Range (HDR) technology    | High Dynamic Range 10 (HDR10) | Pointing device                                         | Touchpad             |
| <b>Processor</b>                       |                               | Keyboard layout                                         | QWERTY               |
| Processor manufacturer *               | Intel                         | Keyboard language                                       | English              |
| Processor family *                     | Intel® Core™ i5               | Numeric keypad *                                        | ✗                    |
| Processor generation                   | 13th gen Intel® Core™ i5      | Keyboard backlit                                        | ✓                    |
| Processor model *                      | i5-1340P                      | Keyboard number of keys                                 | 80                   |
| Processor cores                        | 12                            | <b>Software</b>                                         |                      |
| Processor boost frequency              | 4.6 GHz                       | Operating system architecture                           | 64-bit               |
| Processor frequency *                  | 1.9 GHz                       | Operating system installed *                            | Windows 11 Pro       |
| Processor cache                        | 12 MB                         | <b>Processor special features</b>                       |                      |
| Processor cache type                   | Smart Cache                   | Intel Flex Memory Access                                | ✓                    |
| Configurable TDP-down                  | 20 W                          | Intel Trusted Execution Technology                      | ✓                    |
| <b>Memory</b>                          |                               | Intel VT-x with Extended Page Tables (EPT)              | ✓                    |
| Internal memory *                      | 16 GB                         | Execute Disable Bit                                     | ✓                    |
| Internal memory type                   | LPDDR5-SDRAM                  | CPU configuration (max)                                 | 1                    |
| Memory clock speed                     | 6000 MHz                      | Embedded options available                              | ✗                    |
| Memory form factor                     | On-board                      | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                    |
| Memory slots                           | Not available                 | Intel Virtualization Technology (VT-x)                  | ✓                    |
| Maximum internal memory *              | 16 GB                         | <b>Battery</b>                                          |                      |
| Memory channels                        | Dual-channel                  | Battery technology                                      | Lithium-Ion (Li-Ion) |
| <b>Storage</b>                         |                               | Number of battery cells                                 | 4                    |
| Total storage capacity *               | 256 GB                        | Battery capacity                                        | 4081 mAh             |
| Storage media *                        | SSD                           | Battery capacity *                                      | 63 Wh                |
| Total SSDs capacity                    | 256 GB                        | Battery voltage                                         | 15.44 V              |
| Number of SSDs installed               | 1                             | Continuous video playback time                          | 16 h                 |
| SSD capacity                           | 256 GB                        | Battery recharge time                                   | 1.5 h                |
| SSD interface                          | PCI Express 4.0               | Fast charging                                           | ✓                    |
| NVMe                                   | ✓                             | Battery weight                                          | 241 g                |
| SSD form factor                        | M.2                           | <b>Power</b>                                            |                      |
| SSD performance class                  | 50                            | AC adapter power                                        | 65 W                 |
| Intel® Optane™ Memory module installed | ✗                             | AC adapter frequency                                    | 50/60 Hz             |
| Optical drive type *                   | ✗                             | AC adapter input voltage                                | 100-240 V            |
| Card reader integrated                 | ✓                             | AC adapter output current                               | 20 A                 |
| Compatible memory cards                | MicroSD (TransFlash)          | AC adapter output voltage                               | 3.25 V               |
| <b>Graphics</b>                        |                               | Power auto-sensing                                      | ✓                    |
| Discrete graphics card model *         | Not available                 | <b>Security</b>                                         |                      |
| On-board graphics card *               | ✓                             | Cable lock slot                                         | ✗                    |
| On-board GPU manufacturer              | Intel                         | Fingerprint reader                                      | ✓                    |
| Discrete graphics card *               | ✗                             | Smart card reader                                       | ✗                    |
| On-board graphics card family          | Intel Iris Xe Graphics        | Face recognition                                        | ✗                    |
| On-board graphics card model *         | Intel Iris Xe Graphics        | Palm vein scanner                                       | ✗                    |
| On-board graphics card 4K support      | ✓                             | Windows Hello                                           | ✓                    |
| On-board graphics card 6K support      | ✓                             | Trusted Platform Module (TPM)                           | ✓                    |
| Graphics card Open GL support          | ✓                             | Trusted Platform Module (TPM) version                   | 2.0                  |
| <b>Audio</b>                           |                               | <b>Weight &amp; dimensions</b>                          |                      |
| Audio chip                             | Realtek ALC298                | Width                                                   | 312.3 mm             |
| Audio system                           | Dolby Atmos                   | Depth                                                   | 223.8 mm             |
| Number of built-in speakers            | 4                             | Height                                                  | 11.3 mm              |
| Speakers manufacturer                  | AKG                           | Weight *                                                | 1.17 kg              |
| Speaker power                          | 14 W                          | <b>Packaging data</b>                                   |                      |
| Built-in subwoofer                     | ✗                             | Package width                                           | 413.3 mm             |
| Built-in microphone                    | ✓                             | Package depth                                           | 246.4 mm             |
| Number of microphones                  | 2                             | Package height                                          | 42.8 mm              |
| <b>Camera</b>                          |                               | Package weight                                          | 489.5 g              |
| Front camera                           | ✓                             |                                                         |                      |

**Packaging content**

|                 |            |
|-----------------|------------|
| Cables included | USB Type-C |
|-----------------|------------|

**Logistics data**

|                             |            |
|-----------------------------|------------|
| Harmonized System (HS) code | 8471300000 |
|-----------------------------|------------|



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