

Samsung Galaxy Book3 Pro NP944XFG-KC1FR laptop Intel® Core™ i5 i5-1340P 35,6 cm (14") WQXGA+ 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Graphite

Brand : Samsung

Product family: Galaxy Book3 Pro

Article code: NP944XFG-KC1FR

Product name : NP944XFG-KC1FR

Samsung Galaxy Book3 Pro NP944XFG-KC1FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1340P. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Graphite. Weight: 1,17 kg



| Design | | Graphics | |
|--------------------------------------|-------------------------------|---|---|
| Product type * | Laptop | On-board graphics card 4K support | ✓ |
| Product colour * | Graphite | On-board graphics card 6K support | ✓ |
| Form factor * | Clamshell | Graphics card Open GL support | ✓ |
| Housing material | Aluminium | Audio | |
| Introduction year | 2023 | Audio system | Dolby Atmos |
| Original brand name | Samsung | Number of built-in speakers | 4 |
| Display | | Speakers manufacturer | AKG |
| Display diagonal * | 35.6 cm (14") | Built-in microphone | ✓ |
| Display resolution * | 2880 x 1800 pixels | Number of microphones | 2 |
| Touchscreen * | ✗ | Camera | |
| HD type | WQXGA+ | Front camera | ✓ |
| Panel type | AMOLED | Front camera resolution | 1920 x 1080 pixels |
| Native aspect ratio | 16:10 | Front camera HD type | Full HD |
| Display brightness | 400 cd/m² | Network | |
| Pixel density | 243 ppi | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Display diagonal (metric) | 35.6 cm | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Contrast ratio (typical) | 2000000:1 | Mobile network connection * | ✗ |
| High Dynamic Range (HDR) supported | ✓ | Bluetooth | ✓ |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Bluetooth version | 5.1 |
| Processor | | WWAN | Not installed |
| Processor manufacturer * | Intel | MIMO | ✓ |
| Processor family * | Intel® Core™ i5 | Ports & interfaces | |
| Processor generation | 13th gen Intel® Core™ i5 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Processor model * | i5-1340P | HDMI ports quantity * | 1 |
| Processor cores | 12 | HDMI version | 2.0 |
| Processor boost frequency | 4.6 GHz | Thunderbolt 4 ports quantity | 2 |
| Performance cores | 4 | Intel® Thunderbolt 4 | ✓ |
| Efficient cores | 8 | Combo headphone/mic port | ✓ |
| Performance-core Max Turbo Frequency | 4.6 GHz | Charging port type | USB Type-C |
| Efficient-core Max Turbo Frequency | 3.4 GHz | | |
| Efficient-core boost frequency | 3.7 GHz | | |
| Processor cache | 12 MB | | |

| Processor | | Keyboard | |
|--------------------------------|------------------------|-------------------------------|----------------------|
| Processor cache type | Smart Cache | Pointing device | Touchpad |
| Processor base power | 28 W | Numeric keypad * | ✗ |
| Maximum turbo power | 64 W | Keyboard backlit | ✓ |
| Memory | | Software | |
| Internal memory * | 16 GB | Operating system installed * | Windows 11 Pro |
| Internal memory type | LPDDR5-SDRAM | Battery | |
| Memory clock speed | 6000 MHz | Battery technology | Lithium-Ion (Li-Ion) |
| Storage | | Battery capacity * | 63 Wh |
| Total storage capacity * | 512 GB | Fast charging | ✓ |
| Storage media * | SSD | Power | |
| Total SSDs capacity | 512 GB | AC adapter power | 65 W |
| Number of SSDs installed | 1 | Security | |
| SSD capacity | 512 GB | Fingerprint reader | ✓ |
| NVMe | ✓ | Trusted Platform Module (TPM) | ✓ |
| Optical drive type * | ✗ | Weight & dimensions | |
| Card reader integrated | ✓ | Width | 312.3 mm |
| Compatible memory cards | MicroSD (TransFlash) | Depth | 223.8 mm |
| Graphics | | Height | 11.3 mm |
| Discrete graphics card model * | Not available | Weight * | 1.17 kg |
| On-board graphics card * | ✓ | Packaging data | |
| On-board GPU manufacturer | Intel | Package width | 414 mm |
| Discrete graphics card * | ✗ | Package depth | 265 mm |
| On-board graphics card family | Intel Iris Xe Graphics | Package height | 43 mm |
| On-board graphics card model * | Intel Iris Xe Graphics | Packaging content | |
| | | Cables included | USB Type-C |
| | | Logistics data | |
| | | Harmonized System (HS) code | 8471300000 |



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