



## Introducing Galaxy Book4 Series: The Most Intelligent and Powerful Galaxy Book Yet

*The Galaxy Book4 series combines ultra-portable design, elevated performance, and boundless connectivity to reshape the PC experience and empower users*

**SEOUL, Korea – December 15, 2023 – Samsung Electronics Co., Ltd.** today announced the release of its most intelligent PC lineup yet: Galaxy Book4 Ultra, Book4 Pro and Book4 Pro 360. The latest series comes with a new intelligent processor, a more vivid and interactive display<sup>1</sup> and a robust security system — beginning a new era of AI PCs that offers ultimate productivity, mobility and connectivity. These enhancements not only improve the device itself but also elevate the entire Samsung Galaxy ecosystem, advancing the PC category and accelerating Samsung’s vision of AI innovation — for both today and tomorrow.

“Samsung is committed to empowering people to experience new possibilities that enhance their everyday lives. This new paradigm can be achieved through our expansive Galaxy ecosystem and open collaboration with other industry leaders,” said TM Roh, President and Head of Mobile eXperience Business at Samsung Electronics. “The Galaxy Book4 series plays a key role in bringing best-in-class connectivity to our ecosystem that will broaden how people interact with their PC, phone, tablet and other devices for truly intelligent and connected experiences.”

### Intelligent Productivity Levelled up by Secure Performance

The Galaxy Book4 series is equipped with an intelligent processor for powerful performance that maximizes productivity. The latest series comes with a new **Intel® Core™ Ultra 9** processor that combines a faster central processing unit (CPU), a higher-performance graphics processing unit (GPU) and a newly added neural processing unit (NPU) into a single package<sup>2</sup>. Coupled with Intel’s industry-first AI PC Acceleration program — which includes more than 100 Independent Software Vendors (ISV), the new processor is enabling exciting new AI capabilities and helping boost productivity on the Galaxy Book4 series. Additionally, the **NVIDIA® GeForce RTX™ 4070 Laptop GPU**<sup>3</sup> takes the user experience to the next level. Creativity is supercharged with fast, generative AI-based creation tools backed by NVIDIA Studio technology — for example, you can create stunning images with simple text in seconds with RTX-optimized Stable Diffusion. Galaxy Book4 Ultra users can also be fully immersed in games with NVIDIA Deep Learning Super Sampling (DLSS) technology that creates higher quality images for over 500 ray-traced popular games and applications.

The intelligent productivity is fully backed up by enhanced hardware performance, so the device can operate at its maximum potential. Galaxy Book4 Ultra lowers heat and fan noise with a new **optimal cooling system**, including an 11 percent wider vapor chamber and a dual fan with an uneven blade spacing design<sup>4</sup>. You can use your device for a longer time on a single charge thanks to **increased power efficiency**<sup>5</sup>. Galaxy Book4 Ultra users can also quickly top up an additional 55 percent battery life in just 30 minutes<sup>6</sup> using **140W adaptor**<sup>4</sup> that is 1.4 times larger than its predecessor. Data privacy and security have become increasingly essential as devices have become more intelligent and connected, as well. That’s why Samsung is building on the legacy of security it has established through multiple Samsung Galaxy devices with Samsung Knox, enhancing security measures at the chipset level for the Galaxy Book series for the first time. All three models have a new **discrete Samsung Knox security chip** that secures critical system data separately, adding to existing multi-layered security efforts with Intel and Microsoft.

## Stunning Display and Next-level Connectivity to Perform Anytime, Anywhere

The Galaxy Book4 series' upgraded display gives you a clear view, so you can stay productive while on the go. The series boasts an incredible viewing experience with a **Dynamic AMOLED 2X display** that offers clear contrast and vivid color, whether indoors or outdoors. **Vision Booster** uses an Intelligent Outdoor Algorithm to automatically enhance visibility and color reproduction in bright conditions, while **anti-reflective technology**<sup>7</sup> reduces distracting reflections. With a **touchscreen** now added to all three models, the Galaxy Book4 series not only delivers a clear viewing experience but is also completely interactive — offering an optimized and familiar touch-based user interface, just like the experience on your smartphone or tablet.

While good visuals are crucial, having advanced audio is just as important for a well-rounded PC experience. **AKG Quad speakers with Dolby Atmos**<sup>®</sup> deliver high octaves and rich bass for clear and crisp sound. Studio-quality dual microphones with **bi-directional AI noise canceling** capture your voice clearly during video calls, even in noisy outdoor environments. When paired with Galaxy Buds2 Pro, **LE Audio**<sup>8</sup> — an advanced Bluetooth audio standard — enables realistic sounds with reduced latency to make experiences such as gaming more immersive. **Auto Switch**<sup>9</sup> allows you to seamlessly connect your Buds to multiple devices — from your smartphone, tablet and watch to your TV and now PC — so you can enjoy listening to your devices without manual input. A **large touchpad** and a **wide range of ports** — including a new HDMI 2.1 port — are also designed to enhance the usability of the Galaxy Book4 series. All these features are packed in a **slim and light design** that opens powerful possibilities on the go.

Together with Galaxy smartphones and tablets, Galaxy Book4 series users can benefit from even further enhanced productivity and creativity. Designed to help everyone be a creator, **Samsung Studio**<sup>10</sup>, a new video creation tool available across Samsung Galaxy devices, allows you to continue editing videos made on your phone or tablet in more detail on your PC. **Photo Remaster**, now available on Samsung Gallery for PC, lets you quickly correct photos and automatically erase unwanted shadows and reflections with AI-enabled optimization for a picture-perfect image. **Second Screen**<sup>11</sup> means you can use your tablet as a monitor for your Book4 and elevate your productivity with a variety of modes such as Duplicate, Extension and now Rotation.

### Availability<sup>12</sup>

The Galaxy Book4 series will progressively be made available in select markets, starting with Korea in January 2024. Galaxy Book4 Ultra will be available in 16-inch in Moonstone Gray, Galaxy Book4 Pro will be available in 14-inch and 16-inch with Moonstone Gray and Platinum Silver color options, and Galaxy Book4 Pro 360 will be available in 16-inch, also in Moonstone Gray and Platinum Silver<sup>13</sup>. The series comes in a refined and minimal finish with a wider variety of **recycled materials**<sup>1</sup>, including plastics, glass, and aluminum<sup>14</sup>.

For more information about the Galaxy Book4 series, please visit: [www.samsung.com/galaxy-book](http://www.samsung.com/galaxy-book).

**Galaxy Book4 Ultra & Galaxy Book4 Pro & Galaxy Book4 Pro 360 Product Specifications**

<b>Galaxy Book4 Ultra (16-inch)</b>	
<b>Dimension<sup>15</sup></b>	355.4 x 250.4 x 16.5mm
<b>Weight<sup>16</sup></b>	1.86kg
<b>OS<sup>17</sup></b>	Windows 11 Home
<b>Display<sup>18</sup></b>	16-inch, 16:10 Touch AMOLED, WQXGA+ (2880x1800), 400nits, 48~120Hz VRR, 120% DCI-P3 Color volume
<b>Processor<sup>19</sup></b>	Intel® Core™ Ultra 9 / Core™ Ultra 7 (Intel® Evo™ Edition)
<b>Graphic<sup>19</sup></b>	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6 NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6
<b>Network<sup>20</sup></b>	Wi-Fi 6E, 802.11 ax 2x2, Bluetooth v5.3
<b>Color</b>	Moonstone Gray
<b>Memory<sup>17</sup></b>	16GB/32GB/64GB (LPDDR5X)
<b>Storage<sup>17</sup></b>	512GB/1TB/2TB SSD (PCIe), Expansion Slot
<b>Camera</b>	2M (1080p FHD)
<b>Microphone/ Speaker</b>	Studio-quality Dual Microphones / AKG Quad speakers (Woofer Max 5Wx2, Tweeter 2Wx2), Dolby Atmos®
<b>Keyboard<sup>21</sup></b>	Pro keyboard with Numeric key (Backlit keyboard)
<b>Battery<sup>22</sup></b>	76Wh (Typical)
<b>Charging<sup>23</sup></b>	140W USB Type-C Adapter
<b>Port<sup>24</sup></b>	Thunderbolt™ 4 (2), USB Type-A, HDMI 2.1 port (Supports 8K@60, 5K@120), Micro SD, Headphone/Microphone

	Galaxy Book4 Pro (14-inch)	Galaxy Book4 Pro (16-inch)
<b>Dimension<sup>15</sup></b>	312.3 x 223.8 x 11.6mm	355.4 x 250.4 x 12.5mm
<b>Weight<sup>16</sup></b>	1.23kg	1.56kg
<b>OS<sup>17</sup></b>	Windows 11 Home	
<b>Display<sup>18</sup></b>	14-inch, 16:10 Touch AMOLED, WQXGA+ (2880x1800), 400nits, 48~120Hz VRR, 120% DCI-P3 Color volume	16-inch, 16:10 Touch AMOLED, WQXGA+ (2880x1800), 400nits, 48~120Hz VRR, 120% DCI-P3 Color volume
<b>Processor<sup>19</sup></b>	Intel® Core™ Ultra 5 / Core™ Ultra 7 (Intel® Evo™ Edition)	
<b>Graphic<sup>19</sup></b>	Intel® Arc™ Graphics (Shared)	
<b>Network<sup>20</sup></b>	Wi-Fi 6E, 802.11 ax 2x2, Bluetooth v5.3	
<b>Color</b>	Moonstone Gray, Platinum Silver	
<b>Memory<sup>17</sup></b>	16GB/32GB (LPDDR5X)	
<b>Storage<sup>17</sup></b>	256GB/512GB/1TB SSD (PCIe), Expansion Slot	
<b>Camera</b>	2M (1080p FHD)	
<b>Microphone/ Speaker</b>	Studio-quality Dual Microphones / AKG Quad speakers (Woofer Max 5Wx2, Tweeter 2Wx2), Dolby Atmos®	
<b>Keyboard<sup>21</sup></b>	Pro keyboard (Backlit keyboard)	Pro keyboard with Numeric key (Backlit keyboard)
<b>Battery<sup>25</sup></b>	63Wh (Typical)	76Wh (Typical)
<b>Charging<sup>23</sup></b>	65W USB Type-C Adapter	
<b>Port<sup>24</sup></b>	Thunderbolt™ 4 (2), USB Type-A, HDMI 2.1 port (Supports 8K@60, 5K@120), Micro SD, Headphone/Microphone	

<b>Galaxy Book4 Pro 360 (16-inch)</b>	
<b>Dimension</b> <sup>15</sup>	355.4 x 252.2 x 12.8mm
<b>Weight</b> <sup>16</sup>	1.66kg
<b>OS</b> <sup>17</sup>	Windows 11 Home
<b>Display</b> <sup>18</sup>	16-inch, 16:10 Touch AMOLED, WQXGA+ (2880x1800), 400nits, 48~120Hz VRR, 120% DCI-P3 Color volume
<b>Processor</b> <sup>19</sup>	Intel® Core™ Ultra 7 / Core™ Ultra 5 (Intel® Evo™ Edition)
<b>Graphic</b> <sup>19</sup>	Intel® Arc™ Graphics (Shared)
<b>Network</b> <sup>20</sup>	Wi-Fi 6E, 802.11 ax 2x2, Bluetooth v5.3
<b>Color</b>	Moonstone Gray, Platinum Silver
<b>Memory</b> <sup>17</sup>	16GB/32GB (LPDDR5X)
<b>Storage</b> <sup>17</sup>	512GB/1TB SSD (PCIe)
<b>Camera</b>	2M (1080p FHD)
<b>Microphone/ Speaker</b>	Studio-quality Dual Microphones / AKG Quad speakers (Woofer Max 5Wx2, Tweeter 2Wx2), Dolby Atmos®
<b>Keyboard</b> <sup>21</sup>	Pro keyboard with Numeric key (Backlit keyboard)
<b>Pen</b>	S Pen (In-box)
<b>Battery</b> <sup>26</sup>	76Wh (Typical)
<b>Charging</b> <sup>23</sup>	65W USB Type-C Adapter
<b>Port</b> <sup>24</sup>	Thunderbolt™ 4 (2), USB Type-A, HDMI 2.1 port (Supports 8K@60, 5K@120), Micro SD, Headphone/Microphone

### **About Samsung Electronics Co., Ltd.**

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at [news.samsung.com](https://news.samsung.com).

<sup>1</sup> Compared to the previous series.

<sup>2</sup> Specifications may vary depending on model or market. Compared to the previous series.

<sup>3</sup> Specifications may vary depending on model or market. Supported on Galaxy Book4 Ultra only.

<sup>4</sup> Supported on Galaxy Book4 Ultra only. Compared to Galaxy Book3 Ultra.

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<sup>5</sup> Based on results from internal lab tests for local video playback time conducted by Samsung. Tested with results from a pre-release version of the device using inbox 140W charger under settings (1080p video playback from video files stored on the device's local storage, player-videos & TV with full screen, brightness-150nits, wired earphone with default volume, airplane mode on, keyboard backlight off) without connection to Wi-Fi or mobile network, measuring the time until the device is discharged to 2%. Battery life varies significantly depending on settings, network environment, usage patterns and other factors.

<sup>6</sup> Based on battery charging results from internal Samsung lab tests, conducted with a 140W charger while it has 2% of power remaining, with all the services, features and screen turned off. Actual charging speed may also vary depending on the actual usage, charging conditions and other factors.

<sup>7</sup> Corning® Gorilla® Glass with DX complements the legendary toughness of Corning® Gorilla® Glass to deliver both anti-reflective optics and improved abrasion resistance. Corning's glass composite enhances display readability through a 75% improvement in front surface reflection, versus standard glass, and increases the display contrast ratio by 50% with the same display brightness.

<sup>8</sup> Available on Galaxy Buds2 Pro updated to the latest firmware version.

<sup>9</sup> Available on Galaxy Buds2 Pro updated to the latest firmware version. Galaxy smartphones and tablets with One UI 3.1 or later, Galaxy Watch4 series or later and Samsung TVs launched Feb '22 or later after getting a firmware update from Jul '22. Auto Switch with TV is only available for making and receiving phone calls.

<sup>10</sup> Samsung Studio PC app usage may require an app update from the Microsoft Store.

<sup>11</sup> Both devices must be signed into the same Samsung account. Requires Galaxy Tab S7 series or later, and Tab Active4 Pro with One UI 3.1 or later.

<sup>12</sup> Availability may vary by market. Supported models, colors and sizes may vary depending on market.

<sup>13</sup> Screen size is measured diagonally as a full rectangle without accounting for the rounded corners. Actual viewable area is less due to the rounded corners.

<sup>14</sup> The Galaxy Book4 Ultra features a minimum of 20% post-consumer recycled plastic sourced from discarded fishing nets in the Case Upper Inner Down, a minimum of 20% post-consumer recycled plastic sourced from discarded water barrels in the Cover Hinge, Case Front Vent, Case Front Inner Left, Case Front Inner Right, Case Upper Inner Up, Case Rear Inner Left, Case Rear Inner Right, Case Rear Inner Up, Case Rear Inner Down and Cover Foot, a minimum of 10% pre-consumer recycled plastic sourced from discarded by-product of shoes manufacturing in the Lens-LED, a minimum of 30% pre-consumer recycled aluminum in the Case Rear, a minimum of 20% pre-consumer recycled aluminum in the Case Upper, Case Front, and a minimum of 40% pre-consumer recycled glass in the Touchpad Glass. The above measurements are based on weight.

<sup>15</sup> Accuracy of numbers may vary depending on measurements used. Height may vary depending on manufacturing process.

<sup>16</sup> Weights may vary depending on manufacturing process.

<sup>17</sup> Availability may vary by device.

<sup>18</sup> 400nits (Typ), 500nits (HDR) –VESA HDR 500 authentication, HDR Contents only.

<sup>19</sup> Specifications may vary depending on model or market.

<sup>20</sup> Actual speed may vary depending on market, carrier, and user environment. Wi-Fi 6E availability may vary due to OS version, market, location, network conditions, and other factors. Wi-Fi 6E wireless network routers required and sold separately.

<sup>21</sup> Keyboard layout may vary by market.

<sup>22</sup> Typical value of battery capacity tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 73.8Wh.

<sup>23</sup> The inbox charger and data cable are USB Type-C.

<sup>24</sup> Actual speed of USB may vary depending on user environment.

<sup>25</sup> Typical value of battery capacity tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 73.9Wh for Pro 16-inch and 62.1Wh for Pro 14-inch.

<sup>26</sup> Typical value of battery capacity tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 73.9Wh.