

# ASUS ROG STRIX B850-F GAMING WIFI AMD B850 AM5 pieslēgvietā ATX

**Zīmols :** ASUS

**Preces kods:** 90MB1J70-M0AAY0

**Modeļa nosaukums :** ROG STRIX B850-F GAMING WIFI

ASUS ROG STRIX B850-F GAMING WIFI. Procesora ražotājs: AMD, Procesora ligzda: AM5 pieslēgvietā, Savietojami procesori: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Atbalstītās atmiņas veidi: DDR5-SDRAM, Maksimālā iekšējā atmiņa: 256 GB, Atmiņas slotu tips: DIMM. Atbalstītie glabāšanas diska interfeisi: M.2, SATA III, Atbalstītie atmiņas disku veidi: HDD & SSD, RAID līmeņi: 0, 1, 5, 10. Maksimālā izšķirtspēja: 7680 x 4320 pikseļi. Ethernet interfeisa tips: 2.5 Gigabit Ethernet, Wi-Fi standarts: Wi-Fi 7 (802.11be), Wi-Fi standartu: Wi-Fi 7 (802.11be)



| Procesors                                  |                                                                     | Aizmugurējā paneļa I/O porti         |                      |
|--------------------------------------------|---------------------------------------------------------------------|--------------------------------------|----------------------|
| Procesora ražotājs *                       | AMD                                                                 | WiFi-AP antenas spraudnis            | 2                    |
| Procesora ligzda *                         | AM5 pieslēgvietā                                                    | Tīklošana                            |                      |
| Savietojami procesori *                    | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series | Ethernet/LAN savienojums             | ✓                    |
| Atbalstītās procesoru ligzdas              | AM5 pieslēgvietā                                                    | Ethernet interfeisa tips             | 2.5 Gigabit Ethernet |
| Atmiņa                                     |                                                                     | Wi-Fi *                              | ✓                    |
| Atbalstītās atmiņas veidi *                | DDR5-SDRAM                                                          | Wi-Fi standarts                      | Wi-Fi 7 (802.11be)   |
| Atmiņas slotu skaits *                     | 4                                                                   | Wi-Fi standartu                      | Wi-Fi 7 (802.11be)   |
| Atmiņas slotu tips                         | DIMM                                                                | Bluetooth                            | ✓                    |
| Atmiņas kanāli                             | Duālais kanāls                                                      | Bluetooth versija                    | 5.4                  |
| ECC savietojamība                          | Ar ECC un bez ECC                                                   | Īpašības                             |                      |
| Atbalstītā atmiņas takts frekvence (maks.) | 8000 MHz                                                            | Mātes plates chipset *               | AMD B850             |
| Maksimālā iekšējā atmiņa *                 | 256 GB                                                              | Audio mikroshēma                     | Realtek ALC4080      |
| Nebuferēta atmiņa                          | ✓                                                                   | Audio izvades kanāli *               | 7.1 kanāli           |
| Uzglabāšanas kontrolleri                   |                                                                     | Produkta krāsa                       | Melns                |
| Atbalstītie atmiņas disku veidi            | HDD & SSD                                                           | Komponente *                         | PC (dators)          |
| Atbalstītie glabāšanas diska interfeisi *  | M.2, SATA III                                                       | Mātes plates formas faktors *        | ATX                  |
| Atbalstāmo cieto disku skaits              | 2                                                                   | Mātesplates mikroshēmojuma saime *   | AMD                  |
| Atbalstītais uzglabāšanas diskdziņu skaits | 6                                                                   | Barošanas avota veids                | ATX                  |
| Atbalsta RAID                              | ✓                                                                   | Atbalstītās Windows operētājsistēmas | Windows 11           |
|                                            |                                                                     | Paplašināšanas sloti                 |                      |
|                                            |                                                                     | PCI Express x16 (Gen 4.x) ligzdas    | 1                    |

| Uzglabāšanas kontrolleri                               |                     | Paplašināšanas sloti                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------|---------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RAID līmeņi                                            | 0, 1, 5, 10         | M.2 (M) slotu skaits                     | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grafika                                                |                     | Pirmais M.2 lielākais atslēgas izmērs    | 2280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Paralēlās apstrādes tehnoloģijas atbalsts *            | Netiek atbalstīts   | Pirmā M.2 augstākā PCI Express paaudze   | 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Integrēts grafikas adapteris                           | ✗                   | Otrais M.2 lielākais atslēgas izmērs     | 22110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maksimālā izšķirtspēja                                 | 7680 x 4320 pikseli | Otrā M.2 augstākā PCI Express paaudze    | 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Iekšējie I/O                                           |                     | Trešais M.2 lielākais atslēgas izmērs    | 2280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| USB 2.0 savienotāji *                                  | 2                   | Trešā M.2 augstākā PCI Express paaudze   | 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| USB 3.2 Gen 1 (3.1 Gen 1) savienotāji *                | 1                   | Ceturtais M.2 lielākais atslēgas izmērs  | 2280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| USB 3.2 Gen 2 (3.1 Gen 2) savienotāji *                | 1                   | Ceturta M.2 augstākā PCI Express paaudze | 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SATA III savienotāju skaits *                          | 2                   | BIOS                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Priekšējā paneļa audio savienotājs                     | ✓                   | BIOS tips *                              | UEFI AMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Priekšējā paneļa savienotājs                           | ✓                   | BIOS atmiņas izmērs                      | 256 Mbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ATX Power savienotājs                                  | ✓                   | Nodzēst CMOS poga                        | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CPU ventilatora savienojums                            | ✓                   | Svars&dimensijas                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Procesora ventilatoru konektoru skaits                 | 2                   | Platums                                  | 305 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Komutatora ventilatoru skaits                          | 4                   | Dziļums                                  | 244 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EPS barošanas savienotājs (8-pin)                      | ✓                   | Papildus informācija                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EPS barošanas konektoru skaits (8 kontakti)            | 2                   | Audio izeja                              | <b>ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4080*</b><br>- Impedance sense for front and rear headphone outputs<br>- Supports: Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking<br>- High quality 120 dB SNR stereo playback output and 110 dB SNR recording input<br>- Supports up to 32-Bit/384 kHz playback on front panel                                                                                                                                                                        |
| Zibens spēriena galvenes                               | 1                   |                                          | <b>Audio Features</b><br>- SupremeFX Shielding Technology<br>- Savitech SV3H712 AMP<br>- Rear optical S/PDIF out port<br>- Premium audio capacitors<br>- Audio cover<br>* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.<br>** The LINE OUT port on the rear panel does not support spatial audio. If you wish to use spatial audio, make sure to connect your audio output device to the audio jack on the front panel of your chassis or use a USB interface audio device. |
| Ūdens sūkņa konektoru skaits                           | 1                   | Īpašās funkcijas                         | <b>Total supports 4 x M.2 slots and 2 x SATA 6Gb/s ports</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Temperatūras sensora galvu skaits                      | 1                   |                                          | <b>AMD Ryzen™ 7000 &amp; 9000 Series Desktop Processors</b><br>M.2_1 (Key M), type 2242/2260/2280 (supports PCIe 5.0x4 mode)<br>M.2_2 (Key M), type 2280/22110 (supports PCIe 5.0 x4 mode)<br><b>AMD Ryzen™ 8000 Series Desktop Processors</b><br>M.2_1 (Key M), type 2242/2260/2280 (supports PCIe 4.0x4 mode)<br>M.2_2 (Key M), type 2280/22110 (supports PCIe 4.0 x4/x2 mode)*                                                                                                                                                          |
| RGB LED tapu savienotājs                               | ✓                   |                                          | <b>AMD B850 Chipset</b><br>M.2_3 (Key M), type 2280 (supports PCIe 4.0 x4)**<br>M.2_4 (Key M), type 2280 (supports PCIe 4.0 x4)<br>2 x SATA 6Gb/s ports<br>* Specifications vary by CPU types.<br>** M.2_3 slot shares bandwidth with PCIe16(G4). When PCIe16(G4) slot is operating, M.2_3 will be disabled.                                                                                                                                                                                                                               |
| RGM LED kontaktu turētāju skaits                       | 3                   |                                          | <b>AMD RAIDXpert2 Technology</b><br>Ryzen™ 9000 Series Processors: RAID 0/1/5/10<br>Ryzen™ 8000 Series Processors: RAID 0/1<br>Ryzen™ 7000 Series Processors: RAID 0/1/10                                                                                                                                                                                                                                                                                                                                                                  |
| Aizmugurējā paneļa I/O porti                           |                     |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB 2.0 pieslēgvietu skaits *                          | 4                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB 3.2 Gen 1 (3.1 Gen 1) A tipa pieslēgvietu skaits * | 4                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB 3.2 Gen 2 (3.1 Gen 2) A tipa pieslēgvietu skaits * | 2                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB 3.2 Gen 2 (3.1 Gen 2) C tipa pieslēgvietu skaits * | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USB 3.2 Gen 2x2 C tipa portu skaits                    | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ethernet LAN (RJ-45) pieslēgvietu skaits *             | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| HDMI pieslēgvietu skaits *                             | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| HDMI versija                                           | 2.1                 |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DisplayPorts daudzums                                  | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DisplayPort versija                                    | 1.4                 |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Austiņu izejas                                         | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Line-in                                                | ✓                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| S/PDIF out pieslēgvietā                                | ✓                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Digitālais audio optiskais ārā                         | 1                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Papildus informācija |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | 4 x DIMM slots, max. 256GB, DDR5<br>Supports up to 8000+MT/s (OC) with Ryzen™<br>9000 & 8000 & 7000 Series Processors<br>ECC and Non-ECC, Un-buffered DIMM<br>Dual channel memory architecture<br>Supports AMD Extended Profiles for<br>Overclocking (EXPO™)<br>ASUS Enhanced Memory Profile (AEMP)                                                                                                                                                       |
| Citas funkcijas      | * Supported memory types, data rate (speed),<br>and number of DRAM modules vary depending<br>on the CPU and memory configuration, for more<br>information please refer to CPU/Memory Support<br>list under the Support tab of product information<br>site or visit<br><a href="https://www.asus.com/support/download-center/">https://www.asus.com/support/download-center/</a> .<br>** Non-ECC, un-buffered DDR5 memory supports<br>On-Die ECC function. |
| Grafikas izeja       | 1 x DisplayPort*<br>1 x HDMI™ port**<br>- Graphics specifications may vary between CPU<br>types. Please refer to AMD CPU specifications.<br>* Supports max. 8K@30Hz as specified in<br>DisplayPort 1.4<br>** Supports 4K@60Hz as specified in HDMI 2.1<br>*** VGA resolution support depends on<br>processors' or graphic cards' resolution.                                                                                                              |



4711387771013



0197105771017



197105771017

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.