

## ASUS A620M-F GAMING WIFI AMD A620 Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** 90MB1KT0-M0EAY0

**Product name :** A620M-F GAMING WIFI

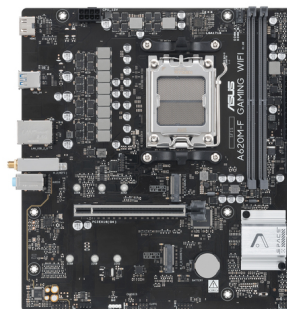
AMD A620, AM5, 2 x DIMM slots, max. 128GB, DDR5, Realtek RTL8125D 2.5Gb, 802.11 a/b/g/n/ac/ax, Bluetooth 5.3, 256Mb Flash ROM, UEFI AMI BIOS, mATX

**ASUS A620M-F GAMING WIFI AMD A620 Socket AM5 micro ATX:**

AMD A620 (Ryzen AM5) mATX motherboard with DDR5, PCIe 4.0 support, dual M.2 slots, HDMI™, Realtek 2.5Gb Ethernet, Wi-Fi 6, rear USB 5Gbps ports, Aura Sync

### A620M-F GAMING WIFI

ASUS A620 series motherboards are expertly engineered to unleash the full potential of AMD Ryzen 7000-series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, A620M-F GAMING WIFI provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. This platform delivers the power and connectivity that advanced AI PC applications demand.



| Processor                                                                                                                                                                                                                                                   |                                                                                | Internal I/O                                      |                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------|
| Processor manufacturer *                                                                                                                                                                                                                                    | AMD                                                                            | EPS power connector (8-pin)                       | ✓                                                                                    |
| Processor socket *                                                                                                                                                                                                                                          | Socket AM5                                                                     | 12V power connector                               | ✓                                                                                    |
| Compatible processor series *                                                                                                                                                                                                                               | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series            | Rear panel I/O ports                              |                                                                                      |
| <b>Memory</b><br>Supported memory types *<br>Number of memory slots *<br>Memory slots type<br>Memory channels<br>ECC compatibility<br>Supported memory clock speeds<br>Supported memory clock speed (max)<br>Maximum internal memory *<br>Unbuffered memory | DDR5-SDRAM                                                                     | USB 2.0 ports quantity *                          | 2                                                                                    |
|                                                                                                                                                                                                                                                             | 2                                                                              | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                                                                    |
|                                                                                                                                                                                                                                                             | DIMM                                                                           | Ethernet LAN (RJ-45) ports *                      | 1                                                                                    |
|                                                                                                                                                                                                                                                             | Dual-channel                                                                   | HDMI ports quantity *                             | 1                                                                                    |
|                                                                                                                                                                                                                                                             | ECC & Non-ECC                                                                  | Headphone outputs                                 | 1                                                                                    |
|                                                                                                                                                                                                                                                             | 5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7600,7800,8000 MHz | USB connector type                                | USB Type-A                                                                           |
|                                                                                                                                                                                                                                                             | 8000 MHz                                                                       | Network                                           |                                                                                      |
|                                                                                                                                                                                                                                                             | 128 GB                                                                         | Ethernet LAN                                      | ✓                                                                                    |
| <b>Storage controllers</b><br>Supported storage drive types<br>Supported storage drive interfaces *<br>Number of storage drives supported<br>RAID support<br>RAID levels                                                                                    | SSD                                                                            | Ethernet interface type                           | 2.5 Gigabit Ethernet                                                                 |
|                                                                                                                                                                                                                                                             | M.2                                                                            | LAN controller                                    | Realtek RTL8125D                                                                     |
|                                                                                                                                                                                                                                                             | 2                                                                              | Wi-Fi *                                           | ✓                                                                                    |
|                                                                                                                                                                                                                                                             | ✓                                                                              | Top Wi-Fi standard                                | Wi-Fi 6 (802.11ax)                                                                   |
|                                                                                                                                                                                                                                                             | 0, 1, 5, 10                                                                    | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Graphics                                                                                                                                                                                                                                                    |                                                                                | Bluetooth                                         | ✓                                                                                    |
| Parallel processing technology support *                                                                                                                                                                                                                    | Not supported                                                                  | Bluetooth version                                 | 5.3                                                                                  |
| Internal I/O                                                                                                                                                                                                                                                |                                                                                | Features                                          |                                                                                      |
| USB 2.0 connectors *                                                                                                                                                                                                                                        | 1                                                                              | Motherboard chipset *                             | AMD A620                                                                             |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *                                                                                                                                                                                                                      | 1                                                                              | Audio output channels *                           | 7.1 channels                                                                         |
|                                                                                                                                                                                                                                                             |                                                                                | Product colour                                    | Multicolour                                                                          |

| Internal I/O                     |   | Features                            |                            |
|----------------------------------|---|-------------------------------------|----------------------------|
| S/PDIF out connector             | ✓ | Component for *                     | PC                         |
| Front panel audio connector      | ✓ | Motherboard form factor *           | micro ATX                  |
| ATX Power connector (24-pin)     | ✓ | Motherboard chipset family *        | AMD                        |
| CPU fan connector                | ✓ | Windows operating systems supported | Windows 10 x64, Windows 11 |
| Number of CPU fan connectors     | 1 | Expansion slots                     |                            |
| Number of chassis fan connectors | 1 | PCI Express x16 (Gen 4.x) slots     | 1                          |
|                                  |   | Number of M.2 (M) slots             | 2                          |
|                                  |   | BIOS                                |                            |
|                                  |   | BIOS type *                         | UEFI AMI                   |
|                                  |   | BIOS memory size                    | 256 Mbit                   |
|                                  |   | Weight & dimensions                 |                            |
|                                  |   | Width                               | 244 mm                     |
|                                  |   | Depth                               | 221 mm                     |



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### Catalog Object Cloud



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