

## ASUS ROG Crosshair VIII Extreme AMD X570 Socket AM4 Extended ATX

**Brand :** ASUS

**Product code:** 90MB1860-M0EAY0

**Product name :** ROG Crosshair VIII Extreme

AMD X570, 4 x DIMM, max. 128GB, DDR4, 10GB/2.5GB Ethernet, 802.11 a/b/g/n/ac/ax, Bluetooth 5.2, 2 x 256 Mb Flash ROM, UEFI AMI BIOS, Extended ATX

ASUS ROG Crosshair VIII Extreme. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series, AMD Ryzen 5000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Parallel processing technology support: 2-Way SLI. Ethernet interface type: 2.5 Gigabit Ethernet, 10 Gigabit Ethernet, LAN controller: Marvell AQtion AQC113CS, Intel I225-V, Top Wi-Fi standard: Wi-Fi 6 (802.11ax)



| Processor                                |  | Rear panel I/O ports                |  |
|--|--|-------------------------------------|--|
| Processor manufacturer *                 | AMD  | Ethernet LAN (RJ-45) ports *        | 2  |
| Processor socket *                       | Socket AM4   | DisplayPorts quantity               | 2  |
| Compatible processor series *            | AMD Ryzen 3000 Series, AMD Ryzen 5000 Series   | S/PDIF out port                     | ✓  |
| Maximum number of SMP processors         | 1  | Thunderbolt ports quantity          | 2  |
| Memory                                   |  | Network                             |  |
| Supported memory types *                 | DDR4-SDRAM   | Ethernet LAN                        | ✓  |
| Number of memory slots *                 | 4  | Ethernet interface type             | 2.5 Gigabit Ethernet, 10 Gigabit Ethernet  |
| Memory slots type                        | DIMM   | LAN controller                      | Marvell AQtion AQC113CS, Intel I225-V  |
| Memory channels                          | Dual-channel   | Wake-on-LAN ready                   | ✓  |
| Supported memory clock speeds            | 2133,2400,2666,2800,2933,3000,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4800,4866,5000,5100 MHz | Wi-Fi *                             | ✓  |
| Maximum internal memory *                | 128 GB   | Top Wi-Fi standard                  | Wi-Fi 6 (802.11ax)   |
| Unbuffered memory                        | ✓  | Wi-Fi standards                     | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Storage controllers                      |  | Bluetooth                           | ✓  |
| Supported storage drive types            | HDD & SSD  | Bluetooth version                   | 5.2  |
| Supported storage drive interfaces *     | M.2, SATA III  | Features                            |  |
| Graphics                                 |  | Motherboard chipset *               | AMD X570   |
| Parallel processing technology support * | 2-Way SLI  | Audio chip                          | Realtek ALC4082  |
| Internal I/O                             |  | Audio output channels *             | 7.1 channels   |
| USB 2.0 connectors *                     | 2  | Component for *                     | PC   |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2  | Motherboard form factor *           | Extended ATX   |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *   | 1  | Motherboard chipset family *        | AMD  |
| Number of SATA III connectors *          | 6  | Windows operating systems supported | Windows 10, Windows 11   |
| Audio connector                          | ✓  |                                     |  |
| Front panel audio connector              | ✓  |                                     |  |
| Front panel connector                    | ✓  |                                     |  |
| ATX Power connector (24-pin)             | ✓  |                                     |  |
| CPU fan connector                        | ✓  |                                     |  |

| Internal I/O                                      |   | Expansion slots                 |          |
|---|---|---------------------------------|----------|
| Number of chassis fan connectors                  | 2 | PCI Express x1 (Gen 3.x) slots  | 1        |
| 12V power connector                               | ✓ | PCI Express x16 (Gen 3.x) slots | 3        |
| RGB LED pin header                                | ✓ | PCI Express x16 (Gen 4.x) slots | 2        |
| Rear panel I/O ports                              |   | Number of M.2 (M) slots         | 3        |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 8 | BIOS                            |          |
|   |   | BIOS type *                     | UEFI AMI |
|   |   | BIOS memory size                | 512 Mbit |
|   |   | Clear CMOS button               | ✓        |
| Logistics data                                    |   |                                 |          |
|   |   | Harmonized System (HS) code     | 84733020 |
| Weight & dimensions                               |   |                                 |          |
|   |   | Width                           | 305 mm   |
|   |   | Depth                           | 277 mm   |
|   |   | Height                          | 108 mm   |
| Other features                                    |   |                                 |          |
|   |   | Weight                          | 3 kg     |



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