

ASUS ROG Crosshair VIII Hero (WI-FI) AMD X570 Socket AM4 ATX

Brand : ASUS

Product code: 90MB10T0-M0EAY0

Product name : ROG Crosshair VIII Hero (WI-FI)

AMD X570, AM4, Intel I211-AT, Realtek RTL8125-CG 2.5G LAN, Intel Wi-Fi 6 AX200, Bluetooth 5.0, 256 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.2, ACPI 6.2, ATX 20.5 cm x 24.4 cm
ASUS ROG Crosshair VIII Hero (WI-FI). Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 5, 3rd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express, PCI Express 2.0, PCI Express 3.0, SATA, SATA II, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Parallel processing technology support: 2-Way CrossFireX, 3-Way CrossFireX, 3-Way SLI. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Intel® I211-AT, Wi-Fi standards: 802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)



| Processor | | Rear panel I/O ports | |
|--|---|-------------------------------------|--|
| Processor manufacturer * | AMD | Ethernet LAN (RJ-45) ports * | 1 |
| Processor socket * | Socket AM4 | Headphone outputs | 1 |
| Compatible processor series * | 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9 | Microphone in | ✓ |
| | | S/PDIF out port | ✓ |
| | | Digital audio optical out | 1 |
| | | | |
| | | | |
| Maximum number of SMP processors | 1 | | |
| Supported processor sockets | Socket AM4 | | |
| Memory | | Network | |
| Supported memory types * | DDR4-SDRAM | Ethernet LAN | ✓ |
| Number of memory slots * | 4 | Ethernet interface type | 2.5 Gigabit Ethernet |
| Memory slots type | DIMM | LAN controller | Intel® I211-AT |
| Memory channels | Dual-channel | Wi-Fi * | ✓ |
| ECC | ✓ | Wi-Fi standards | 802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Maximum internal memory * | 128 GB | Bluetooth | ✓ |
| Unbuffered memory | ✓ | Bluetooth version | 5.0 |
| Storage controllers | | Features | |
| Supported storage drive types | HDD & SSD | Motherboard chipset * | AMD X570 |
| Supported storage drive interfaces * | M.2, PCI Express, PCI Express 2.0, PCI Express 3.0, SATA, SATA II, SATA III | Audio output channels * | 7.1 channels |
| RAID levels | 0, 1, 10 | Component for * | PC |
| | | Motherboard form factor * | ATX |
| | | Motherboard chipset family * | AMD |
| | | Cooling type | Passive |
| | | Power source type | ATX |
| | | Windows operating systems supported | Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 10 x64 |
| Graphics | | Expansion slots | |
| Parallel processing technology support * | 2-Way CrossFireX, 3-Way CrossFireX, 3-Way SLI | PCI Express x16 (Gen 3.x) slots | 3 |
| | | Number of M.2 (M) slots | 2 |
| Internal I/O | | BIOS | |
| USB 2.0 connectors * | 2 | BIOS type * | UEFI AMI |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | | |
| Number of SATA III connectors * | 8 | | |

| | | | |
|---|---|---|----------|
| Internal I/O | | BIOS | |
| Audio connector | ✓ | BIOS memory size | 256 Mbit |
| Front panel audio connector | ✓ | ACPI version | 6.2 |
| Front panel connector | ✓ | System Management BIOS (SMBIOS) version | 3.2 |
| ATX Power connector (24-pin) | ✓ | Logistics data | |
| Number of EATX power connectors | 2 | Harmonized System (HS) code | 84733020 |
| CPU fan connector | ✓ | Weight & dimensions | |
| Number of chassis fan connectors | 3 | Width | 205 mm |
| TPM connector | ✓ | Depth | 244 mm |
| 12V power connector | ✓ | Height | 108 mm |
| RGB LED pin header | ✓ | Packaging content | |
| Rear panel I/O ports | | Cables included | SATA |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Drivers included | ✓ |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 8 | Other features | |
| | | Analog audio output | 5 |
| | | Weight | 2 kg |
| | | Quick installation guide | ✓ |
| | | BIOS switch button | ✓ |



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Publication date: 09-FEB-2023. Prints or copies of Information are only valid on the printed Publication date