



ASUS AMD WRX80 Ryzen Motherboard

Product Specification

Brand	ASUS
Model	WRX80
Type	Motherboard
Memory Capacity	2048GB
Memory Type	3DS R-DIMM Memory
Storage	AMD Ryzen Threadripper PRO Series Processors : M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 & SATA modes)   M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 & SATA modes)   U.2_1 slot supports U.2 NVMe device and up to 4 SATA devices   AMD WRX80 Chipset : M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 & SATA modes)   U.2_2 slot supports U.2 NVMe device and up to 4 SATA devices   4 x SATA 6Gb/s ports   ASMedia ASM1061 Controller : 4 x SATA 6Gb/s ports   Supports NVMe RAID configurations via M.2 storages
USB	1 x USB 3.2 Gen 2x2 port(s) (1 x USB Type-C)   9 x USB 3.2 Gen 2 port(s) (8 x Type-A + 1 x USB Type-C)   1 x USB 3.2 Gen 2 connector(s) (support(s) USB Type-C)   1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports   2 x USB 2.0 header(s) support(s) additional 4 USB 2.0 ports
Audio	Impedance sense for front and rear headphone outputs   Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking   High quality 120 dB SNR stereo playback output and 113 dB SNR recording input   Supports up to 32-Bit/384 kHz playback
Back Panel I/O	1 x USB 3.2 Gen 2x2 port(s) (1 x USB Type-C)   9 x USB 3.2 Gen 2 port(s) (8 x Type-A+ 1 x USB Type-C)   1 x ASUS Wi-Fi Module   2 x Intel X550-AT2 dual 10Gb Ethernet ports   5 x Audio jacks   1 x Optical S/PDIF out port   1 x BIOS FlashBack button   1 x Clear CMOS button

Internal I/O Ports	<p>Fan and Cooling related : 1 x 4-pin CPU Fan header(s)   1 x 4-pin CPU OPT Fan header(s)   6 x 4-pin Chassis Fan header(s)   1 x VRM heatsink Fan header   1 x Chipset Fan header   Power related : 1 x 24-pin Main Power connector   2 x 8-pin +12V Power connector   2 x 6-pin PCIe Graphics Card connector   1 x 8-pin PCIe Power connector   Storage related : 3 x M.2 slots (Key M)   8 x SATA 6Gb/s ports   2 x U.2 slots   USB : 1 x USB 3.2 Gen 2 connector (support(s) USB Type-C)   1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports   2 x USB 2.0 header(s) support(s) additional 4 USB 2.0 ports   BMC Related : 1 x BMC switch   1 x IPMI switch   1 x Message LED header   1 x Micro SD card socket   2 x LAN LED header(s)   1 x Location LED header   1 x Location button header   1 x PSU_SMB header   1 x SMART_PSU switch   1 x VGA switch   1 x VGA header   1 x VPP_I2C header   Miscellaneous : 1 x COM Port header   1 x FlexKey button   1 x Front Panel Audio header (AAFP)   1 x SPI TPM header (14-1pin)   1 x Start button   1 x 20-3 pin System Panel header with Chassis intrude function   1 x RTC Battery header   1 x Thermal Sensor header</p>
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Expansion Slots	AMD Ryzen Threadripper PRO Series Processors   7 x PCIe 4.0/3.0 x16 slot(s)