

ROG MAXIMUS IX EXTREME

CPU

Intel® Socket 1151 for 7th Generation for 7th/6th Generation Core™ i7/Core™ i5/Core™

i3/Pentium®/Celeron® Processors

Supports Intel® 14 nm CPU

Supports Intel® Turbo Boost Technology 2.0

* The Intel® Turbo Boost Technology 2.0 support depends on the CPU types.

* Refer to www.asus.com for CPU support list

Chipset

Intel® Z270

Memoria

4 x DIMM, Max. 64GB, DDR4

4133(O.C.)/4000(O.C.)/3866(O.C.)/3800(O.C.)/3733(O.C.)/3600(O.C.)/3500(O.C.)/3466(O.C.)/3400(O.

C.)/2666(O.C.)/2400(O.C.) MHz Memory

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

* Hyper DIMM support is subject to the physical characteristics of individual CPUs.

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Gráfica

Integrated Graphics Processor- Intel® HD Graphics support

Multi-VGA output support : HDMI/DisplayPort 1.2 ports

- Supports HDMI with max. resolution 4096 x 2160 @ 24 Hz

- Supports DisplayPort with max. resolution 4096 x 2304 @ 60 Hz

Maximum shared memory of 1024 MB

Soporte Multi-GPU

Supports NVIDIA® 2-Way SLI™ Technology

Supports AMD 3-Way CrossFireX™ Technology

Puertos de Expansión

2 x PCIe 3.0/2.0 x16 (Single at x16, dual at x8/x8)

1 x PCIe 3.0/2.0 x16

1 x PCIe 3.0 x4 *1

Almacenamiento

Intel® Z270 Chipset :

1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (both SATA & PCIE mode)

1 x M.2 Socket 3, with M Key, type 2242/2260/2280/22110 storage devices support (both SATA & PCIE mode)*2

Support Raid 0, 1, 5, 10

Supports Intel® Smart Response Technology*3

Intel® Rapid Storage Technology supports*3

Intel® Optane™ Memory Ready *4

LAN

Intel® I219V

Anti-surge LANGuard

ROG GameFirst IV

Wireless Data Network

Wi-Fi 802.11 a/b/g/n/ac

Supports MU-MIMO

Bluetooth

Bluetooth V4.1*5

Audio

ROG SupremeFX 8-Channel High Definition Audio CODEC S1220

- Impedance sense for front and rear headphone outputs
- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking
- High quality 113 dB SNR stereo playback output and 110 dB SNR recording input
- SupremeFX Shielding Technology
- ESS® ES9023P
- Supports up to 32-Bit/192kHz playback *6

Audio Feature :

- LED-illuminated design - Brighten up your build with the gorgeous illuminated audio trace path.
- Sonic Radar III
- Sonic Studio III

Puertos USB

ASMedia® USB 3.1 controller :

1 x USB 3.1 front panel connector port(s)

Intel® USB 3.1 controller :

2 x USB 3.1 port(s) (2 at back panel,)

Intel® Z270 Chipset :

6 x USB port(s) (4 at back panel,)

ASMedia® USB 3.0 controller :

2 x USB port(s) (2 at back panel,)

Intel® Z270 Chipset : *7

4 x USB 2.0 port(s)

Capacidades de Overclocking

Clear CMOS button

ROG RAMCache II

ROG CPU-Z

ROG CloneDrive

Pre-mounted I/O Shield

MemOK! Button

Slow Mode

ReTry Button

Safe Boot Button

Start Button

Reset Button

LN2 Mode

GameFirst IV

ROG Aura

- Aura Lighting Control

- Aura RGB Strip Headers

Extreme Engine Digi+ :

- MicroFine Alloy Chokes

- NexFET™ Power Block MOSFET

- 10K Black Metallic Capacitors

Mem TweakIt

KeyBot II

- X.M.P.

- ClrCMOS

- Power On

UEFI BIOS features :

- O.C. Profile

- Tweakers' Paradise

- ROG SSD Secure Erase

- Graphic Card Information Preview

ROG RAMDisk

Extreme Tweaker

USB BIOS Flashback

Capacidades Especiales

ASUS Dual Intelligent Processors 5-Way Optimization by Dual Intelligent Processors 5 :

- 5-Way Optimization tuning key perfectly consolidates TPU, EPU, DIGI+ VRM, Fan Expert 4, and

Turbo App

SafeDIMM slot

ASUS Exclusive Features :

- MemOK!

- AI Suite 3

- Ai Charger

ASUS Q-Design :

- ASUS Q-Code

- ASUS Q-LED ()

- ASUS Q-DIMM

- ASUS Q-Connector

Gaming Aesthetics :

- 3D printing friendly

Overclocking Protection :

- ASUS C.P.R.(CPU Parameter Recall)

Puertos posteriores I/O

1 x DisplayPort

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.1 Gen 2 ()Type-A + Type-C

6 x USB 3.1 Gen 1 (blue)

1 x Optical S/PDIF out

1 x Clear CMOS button(s)

1 x USB BIOS Flashback Button(s)

5 x LED-illuminated audio jacks

Internal I/O

1 x AAFP connector

2 x Aura RGB Strip Headers

1 x USB 3.1 Gen 1 connector(s) support(s) additional 2 USB 3.1 Gen 1 port(s)

2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)

1 x M.2 Socket 3 with M key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 x 4 mode)

1 x M.2 Socket 3 with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode)

1 x TPM connector(s)

8 x SATA 6Gb/s connector(s)

2 x Chassis Fan connector(s)

2 x W_PUMP+ connector

1 x 24-pin EATX Power connector(s)

1 x 8-pin ATX 12V Power connector(s)

1 x 4-pin ATX 12V Power connector(s)

1 x 4-pin EZ_PLUG Power connector(s)

1 x Front panel audio connector(s) (AAFP)

1 x System panel(s) (Q-Connector)

1 x Slow Mode switch(es)

1 x Thermal sensor connector(s)

1 x EZ Plug connector(s) (4-pin Molex power connector)

1 x Power-on button(s)

1 x Reset button(s)

1 x BIOS Switch button(s)

1 x Clear CMOS button(s)

1 x 5-pin EXT_FAN(Extension Fan) connector

1 x USB BIOS Flashback button(s)

1 x LN2 Mode jumper(s)

1 x ROG extension (ROG_EXT) header(s)

1 x Safe Boot button

1 x ReTry button

1 x T_Sensor Connector

2 x W_Pump+ Header

1 x EXT_Fan header

1 x W_IN header

1 x W_OUT header

1 x W_FLOW header

1 x USB 3.1 Gen 2 front panel connector

1 x MemOK! Button

1 x RSVD Switch

1 x 9 pin Monoblock sensor

8 x Radiator Fan Headers

Accesorios

User's manual

8 x SATA 6Gb/s cable(s)

1 x M.2 Screw Package

1 x CPU installation tool

1 x Fan Extension Card (3 x 4-pin fan out)

1 x Fan Extension card screw pack

1 x ASUS 2T2R dual band Wi-Fi moving antennas (Wi-Fi 802.11a/b/g/n compliant)

1 x SLI HB BRIDGE(2-WAY-M)

1 x ROG big sticker

1 x Q-Connector

1 x 10-in-1 ROG cable label

2 x Thermal sensor cable pack(s)

1 x Extension Cable for RGB strips (80 cm)

1 x USB drive with utilities and drivers

1 x ROG coaster(s)

1 x ROG Monoblock

1 x ROG Monoblock Accessory pack

1 x M.2 Heatsink package

BIOS

2 x 128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI3.0, WfM2.0, SM BIOS 3.0, ACPI 5.0, Multi-language BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F11 EZ Tuning Wizard, F6 Qfan Control, F3 My Favorites, F9 Quick Note, Last Modified log, F12 PrintScreen, F3 Shortcut functions and ASUS DRAM SPD (Serial Presence Detect) memory information.

Sistema operativo

Windows® 10 64-bit

Windows® 8.1 64-bit *8

Windows® 7 32-bit *8

Windows® 7 64-bit *8

Form Factor

Extended ATX Form Factor

12 inch x 10.7 inch (30.5 cm x 27.2 cm)

Nota

*1 The PCIe x4_1 slot default is disabled, if operating at x2 mode, SATA Ports 3 and 4 will disabled, if operating at x4 mode, SATA ports 1, 2, 3, 4 and M.2_2 SATA mode will disabled

*2 When the M.2_2 Socket 3 is operating in SATA mode, SATA port 1, 2 will be disabled.

*3 This function will work depending on the CPU installed.

*4 Intel® Optane Technology only supported when using 7th Generation Intel® Processors. Before using Intel® Optane memory modules, ensure that you have updated your motherboard drivers and BIOS to the latest version from ASUS support website.

*5 Support for the Bluetooth specification depends on the Windows version. Win7/8.1 support up to Bluetooth 4.0.

*6 Due to limitations in HDA bandwidth, 32-bit/192kHz is not supported for 8-Channel audio and due to Windows 7 limitations, 32-bit playback is unavailable for Windows 7.

*7 2 x USB2.0 port at mid-board share with ROG extension (ROG_EXT) port.

*8 Windows® 8.1 64-bit and Windows® 7 32/64-bit are only supported when using 6th Generation Intel® Processors

Lan

* ROG GameFirst Technology is only available for Windows 10/8.1 64-bit