

Procesador

AMD Socket AM4, support for: AMD Ryzen™ 5000 Series/ 3rd Gen Ryzen™ / 2nd Gen Ryzen™ / 3rd Gen Ryzen™ with Radeon™ Vega Graphics/ 2nd Gen Ryzen™ with Radeon™ Vega Graphics/ Ryzen™ with Radeon™ Vega Graphics Processors

(Please refer "CPU Support List" for more information.)

Chipset

AMD X570

Memoria

AMD Ryzen™ 5000 series processors:

Support for DDR4 4266(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules

3rd Generation AMD Ryzen™ processors:

Support for DDR4 4400(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200 / 2933 / 2667 / 2400 / 2133 MHz memory modules

3rd Gen AMD Ryzen™ with Radeon™ Graphics processors:

Support for DDR4 4733(O.C.) / 4600(O.C.) / 4400(O.C.) / 4000(O.C.) / 3600(O.C.) / 3333(O.C.) / 3200/2933/2667/2400/2133 MHz memory modules

2nd Generation AMD Ryzen™ processors/2nd Generation AMD Ryzen™ with Radeon™ Vega Graphics processors/AMD Ryzen™ with Radeon™ Vega Graphics processors:

Support for DDR4 3200(O.C.) / 2933 / 2667 / 2400 / 2133 MHz memory modules

4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory

Dual channel memory architecture

Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules

Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules

Support for Extreme Memory Profile (XMP) memory modules

(Please refer "Memory Support List" for more information.)

Gráficos Integrados

Integrated Graphics Processor:

1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

* Support for HDMI 2.0 version, HDCP 2.2, and HDR.

Maximum shared memory of 16 GB

Note: For 2nd Generation AMD Ryzen™ with Radeon™ Vega Graphics processors/AMD Ryzen™ with Radeon™ Vega Graphics processors only.

Audio

Realtek® ALC887 codec

High Definition Audio

2/4/5.1-channel

LAN

Realtek® GbE LAN chip (10/100/1000 Mbit)

Puertos de Expansión

Integrated in the CPU (PCIEX16):

· 3rd Generation AMD Ryzen™ processors:

1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16

· 2nd Generation AMD Ryzen™ processors:

1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16

* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.

· 2nd Generation AMD Ryzen™ with Radeon™ Vega Graphics processors/AMD Ryzen™ with Radeon™ Vega Graphics processors:

1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x8 Integrated in the Chipset (PCIEX4/PCIEX1)

2 x PCI Express x16 slots, supporting PCIe 4.0*/3.0 and running at x4 (PCIEX4)

* For 3rd Generation AMD Ryzen™ processors only.

2 x PCI Express x1 slots, supporting PCIe 4.0*/3.0

* For 3rd Generation AMD Ryzen™ processors only.

Tecnología Multi-Gráficos

Support for AMD Quad-GPU CrossFire™ and 2-Way AMD CrossFire™ technologies

Note: For 3rd Generation AMD Ryzen™ processors/2nd Generation AMD Ryzen™ processors only.

Interfaz de Almacenamiento

Integrated in the CPU:

· 3rd Generation AMD Ryzen™ processors:

1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 SATA and PCIe 4.0 x4/x2 SSD support)

· 2nd Generation AMD Ryzen™ processors/2nd Generation AMD Ryzen™ with Radeon™ Vega Graphics processors/AMD Ryzen™ with Radeon™ Vega Graphics processors:

1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 SATA and PCIe 3.0 x4/x2 SSD support)

Integrated in the Chipset:

6 x SATA 6Gb/s connectors

Support for RAID 0, RAID 1, and RAID 10

USB

Integrated in the CPU:

4 x USB 3.2 Gen 1 ports on the back panel

Chipset:

4 x USB 3.2 Gen 1 ports available through the internal USB headers

6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)

Conectores Internos de E/S

1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x CPU fan header

1 x water cooling CPU fan header

2 x system fan headers

1 x RGB LED strip header

6 x SATA 6Gb/s connectors

1 x M.2 Socket 3 connector

1 x front panel header

1 x front panel audio header

2 x USB 3.2 Gen 1 headers

2 x USB 2.0/1.1 headers

1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

1 x Clear CMOS jumper

Conectores del Panel Trasero

1 x PS/2 keyboard/mouse port

1 x HDMI port

4 x USB 3.2 Gen 1 ports

2 x USB 2.0/1.1 ports

1 x Q-Flash Plus button

1 x RJ-45 port

3 x audio jacks

Controlador de E/S

iTE® I/O Controller Chip

Monitorización H/W

Voltage detection

Temperature detection

Fan speed detection

Water cooling flow rate detection

Overheating warning

Fan fail warning

Fan speed control

* Whether the fan speed control function is supported will depend on the fan you install.

BIOS

1 x 128 Mbit flash

Use of licensed AMI UEFI BIOS

PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Características Únicas

Support for APP Center

* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

@BIOS

Ambient LED

EasyTune

Fast Boot

Game Boost

ON/OFF Charge

Smart Backup

System Information Viewer

Support for Q-Flash Plus

Support for Q-Flash

Support for Xpress Install

Software Includo

Norton® Internet Security (OEM version)

Realtek® 8118 Gaming LAN Bandwidth Control Utility

Sistema Operativo

Support for Windows 10 64-bit

Diseño

ATX Form Factor; 30.5cm x 24.4cm