

ROG Strix X299-E Gaming II

CPU Intel® Socket 2066 Core™ X-Series Processors

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

Chipset Intel® X299

Memoria (Intel® Core™ i9 10000 X-Series CPU)

8 x DIMM, Max. 256GB, DDR4

4266(O.C.)/4133(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(O.C.)/3000(O.C.)/2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory

(Intel® Core™ i9 9000/7000 and i7 9000 X-Series CPU)

8 x DIMM, Max. 256GB, DDR4

4266(O.C.)/4133(O.C.)/4000(O.C.)/3600(O.C.)/3400(O.C.)/3333(O.C.)/3300(O.C.)/3200(O.C.)/3000(O.C.)/2800(O.C.)/2666/2400/2133 MHz Non-ECC, Un-buffered Memory

Quad Channel Memory Architecture

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

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

Soporte Multi-GPU Soporta NVIDIA® 3-Way SLI® Technology

Soporta NVIDIA® 2-Way SLI® Technology

Soporta AMD 3-Way CrossFireX™ Technology

Soporta AMD 2-Way CrossFireX Technology

Puertos de Expansión 48-Lane CPU-

(Intel® Core™ i9 10000 X-Series CPU)

3 x PCIe 3.0 x16 (x16, x16/x16, x16/x16/x8)

44-Lane CPU-

(Intel® Core™ i9 9000/7000 and i7 9000 X-Series CPU)

3 x PCIe 3.0 x16 (x16, x16/x16, x16/x16/x4)

28-Lane CPU-

(Intel® Core™ i7 7000 X-Series CPU)

3 x PCIe 3.0 x16 (x16, x16/x8, x16/x8/x4)

Intel® X299 Chipset

1 x PCIe 3.0 x4

1 x PCIe 3.0 x1 *1

AlmacenamientoIntel® Core™ X-Series Processors Family :

2 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (PCIe 3.0 x 4 mode)*2

Intel® Virtual RAID on CPU(VROC)

Intel® X299 Chipset :

1 x M.2 x4 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (both SATA & PCIe mode),

8 x SATA 6Gb/s port(s),

Support Raid 0, 1, 5, 10

Intel® Rapid Storage Technology supports

Intel® Optane™ Memory Ready *3

LANIntel® I219V

Realtek® RTL8125-CG 2.5G LAN

Anti-surge LANGuard

ROG GameFirst Technology

Wireless Data NetworkIntel® Wi-Fi 6 AX200

BluetoothBluetooth® 5.0

AudioSupremeFX 8-Channel High Definition Audio CODEC S1220A

- Dual Headphone Amplifiers
- 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 stereo playback input
- SupremeFX Shielding Technology
- Supports up to 32-Bit/192kHz playback *4

Audio Feature :

- SupremeFX Shielding™ Technology
- DTS® Sound Unbound
- Optical S/PDIF out port(s) at back panel
- Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals

- Premium Japanese-made audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity
- Sonic Radar III
- Sonic Studio III + Sonic Studio Virtual Mixer

Puertos USBASMedia® USB 3.2 Gen 2 controller :

1 x USB 3.2 Gen 2 front panel connector port(s)

ASMedia® USB 3.2 Gen 2 controller :

4 x USB 3.2 Gen 2 (up to 10Gbps) port(s) (4 at back panel , 3 x Type-A+1 x Type-C)

Intel® X299 Chipset :

6 x USB 3.2 Gen 1 (up to 5Gbps) port(s) (2 at back panel , 4 at mid-board)

Intel® X299 Chipset :

8 x USB 2.0 port(s) (4 at back panel , 4 at mid-board)

Capacidades de OverclockingROG CPU-Z

Overwolf

USB BIOS FlashBack™

ROG Exclusive Software

- GameFirst V
- Overwolf
- Sonic Studio III + Sonic Studio Virtual Mixer

Capacidades EspecialesOC Design - ASUS PRO Clock II

Technology

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

- 5-Way Optimization tuning key perfectly consolidates TPU, EPU, DIGI+ VRM, Fan Xpert 4, and Turbo Core App

AI Overclocking

LiveDash OLED

AURA :

- Aura Lighting Control
- Aura RGB Strip Headers
- Addressable Gen 2 Header

ASUS Exclusive Features :

- USB BIOS FlashBack™
- AI Suite 3
- Ai Charger
- Onboard Button : Power
- ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface
- Armoury Crate
- ASUS NODE: hardware control interface

ASUS EZ DIY :

- ASUS EZ Flash 3
- ASUS USB BIOS FlashBack™
- ASUS UEFI BIOS EZ Mode
- Multi-language BIOS

ASUS Q-Design :

- ASUS Q-Code
- ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)
- ASUS Q-Slot
- ASUS Q-DIMM
- ASUS Q-Connector

Puertos posteriores I/O 1 x LAN (RJ45) port(s)

- 4 x USB 2.0 (one port can be switched to USB BIOS FlashBack™)
- 1 x Optical S/PDIF out
- 5 x Audio jack(s)
- 1 x Anti-surge 2.5G LAN (RJ45) port
- 1 x Wi-Fi antenna port(s)
- 1 x USB BIOS FlashBack™ Button(s)
- 2 x USB 3.2 Gen 1 (up to 5Gbps) ports Type-A
- 4 x USB 3.2 Gen 2 (up to 10Gbps) ports (Type-A + USB Type-C™)

Internal I/O 1 x AAFP connector

- 2 x Aura RGB Strip Headers
- 2 x Addressable Gen 2 header(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 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode)
- 2 x M.2 Socket 3 with M key, type 2242/2260/2280/22110 storage devices support (PCIE 3.0 x 4 mode)
- 8 x SATA 6Gb/s connector(s)
- 1 x VROC_HW_Key
- 1 x CPU Fan connector(s)
- 1 x CPU OPT Fan connector(s)
- 2 x Chassis Fan connector(s)
- 1 x AIO_PUMP connector
- 1 x W_PUMP+ connector
- 1 x 24-pin EATX Power connector(s)
- 2 x 8-pin ATX 12V Power connector(s)
- 1 x Front panel connector(s)
- 1 x System panel(s) (Q-Connector)
- 1 x Thermal sensor connector(s)
- 1 x Power-on button(s)
- 1 x Clear CMOS jumper(s)
- 1 x Node Connector(s)
- 1 x CPU_OV jumper

1 x M.2 Fan Header

2 x USB 3.2 Gen 1 (up to 5Gbps) connector support additional 4 USB ports

Accesorios

User's manual

1 x Vertical M.2 bracket set

4 x SATA 6Gb/s cable(s)

1 x M.2 Screw Package

1 x Supporting DVD

1 x ROG Strix stickers

1 x Q-Connector

1 x M.2 screw kit (long screw and mount)

1 x Cable ties pack(s)

1 x Wi-Fi Antenna(s)

1 x ROG Door Hanger(s)

1 x Extension Cable for RGB strips (80 cm)

1 x Extension cable for Addressable LED

1 x Thermistor cable(s)

1 x ROG Thank you card

BIOS 128 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.2, ACPI 6.2

Manejo WOL, PXE

Disco de Soporte Drivers

ASUS Utilities

EZ Update

Anti-virus software (OEM version)

Sistema operativo Windows® 10 64-bit

Form Factor ATX Form Factor

12 inch x 9.6 inch (30.5 cm x 24.4 cm)

Nota *1 PCIe 3.0 x1 slot share with USB3.2 Gen2 front panel connector.

*2 M.2_2 and M.2_3 support 44-Lane CPU (Intel® Core™ i7 9000 X-Series CPU and above).

*3 The M.2 PCIe mode sources from Intel® X299 Chipset supports Intel® Optane Memory