Product Support for

ROG STRIX X399-E GAMING

PRODUCT SPECIFICATIONS:

CPU

ROG Exclusive Features :

AMD SocketTR4 for AMD Ryzen™ Threadripper™ Processors

AMD X399

AMD Ryzen™ Threadripper™ Processors 8 x DIMM, Max. 128GB, DDR4 3600(O.C.)/3466(O.C.)/3333(O.C.)/3200(O.C.) /3000(O.C.)/2800(O.C.)/2666/2400/2133 MHz ECC and non-ECC, Un-buffered Memory * Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Supports NVIDIA® Quad-GPU SLI™ Technology Supports NVIDIA® 3-Way SLI™ Technology Supports NVIDIA® 2-Way SLI™ Technology Supports AMD Quad-GPU CrossFireX™ Technology Supports AMD 3-Way CrossFireX™ Technology Supports AMD 2-Way CrossFireX Technology

AMD Ryzen™ Threadripper™ Processors 4 x PCIe 3.0 x16 (single@x16, dual@x16/x16, triple@x16/x16/x8 mode) AMD X399 chipset 1 x PCIe 2.0 x4 (max at x4 mode) 1 x PCIe 2.0 x1

AMD Ryzen™ Threadripper™ Processors : 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 U.2 port AMD X399 chipset : 6 x SATA 6Gb/s port(s), Support Raid 0, 1, 10

Intel® I211-AT Anti-surge LANGuard ROG GameFirst IV

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

Bluetooth V4.2

ROG SupremeFX 8-Channel High Definition Audio CODEC S1220A - Impedance sense for front and rear headphone outputs - Internal audio Amplifier to enhance the highest quality sound for headphone and speakers - Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking - High quality 120 dB (Line-out at rear) and 113 dB SNR recording input (Line-in) Audio Feature : - SupremeFX Shielding™ Technology - Optical S/PDIF out port(s) at back panel - Audio Shielding: Ensures precision analog/digital separation and greatly reduced multi-lateral interference - 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 - Unique de-pop circuit: Reduces start-up popping

noise to audio outputs - EMI protection cover to prevent electrical noise to affect the amplifier quality - Sonic Radar III - Sonic Studio III

AMD Ryzen™ Threadripper™ Processors : 8 x USB 3.1 Gen 1 port(s) (8 at back panel, , Type-A) AMD X399 chipset : 1 x USB 3.1 Gen 2 port(s) (1 at mid-board) AMD X399 chipset : 4 x USB 3.1 Gen 1 port(s) (4 at mid-board) AMD X399 chipset : 4 x USB 2.0 port(s) (4 at mid-board) ASMedia® USB 3.1 Gen 2 controller : 2 x USB 3.1 Gen 2 port(s) (Type-A + USB Type-C)

ROG RAMCache II

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https://www.asus.com/Motherboards/ROG-STRIX-X399-E-GAMING/sp...

BIOS

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 AURA : - Aura Lighting Control - Aura RGB Strip Headers - Aura Lighting Effects Synchronization with compatible ASUS ROG devices - Aura Addressable Strip Header(s) ASUS Exclusive Features : - USB BIOS Flashback - AI Suite 3 - Ai Charger - Onboard Button : Power ASUS Quiet Thermal Solution : - Stylish Design Heat-pipe solution - ASUS Fan Xpert 4 ASUS EZ DIY : - ASUS EZ Flash 3 - ASUS USB BIOS Flashback - ASUS UEFI BIOS EZ Mode - Multi-language BIOS ASUS Q-Design : - ASUS Q-Shield - ASUS Q-Code - ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED) - ASUS Q-Slot - ASUS Q-DIMM - ASUS Q-Connector Gaming Aesthetics : - 3D printing friendly - AURA-RGB Lighting M.2 and U.2 Onboard (The Latest Transfer Technology with up to 32Gb/s Data-transfer Speeds for M.2 and U.2)

1 x LAN (RJ45) port(s) 2 x USB 3.1 Gen 2 (teal blue)Type-A + USB Type-C 8 x USB 3.1 Gen 1 (blue) 1 x Optical S/PDIF out 5 x Audio jack(s) 1 x USB BIOS

Flashback Button(s) 1 x ASUS 2x2 Wi-Fi 802.11 a/b/g/n/ac and Bluetooth v4.2 module

1 x Q_Code 1 x Aura Addressable Strip Header(s) 1 x U.2 port 2 x RGB Header(s) 2 x USB 3.1 Gen 1 connector(s) support(s) additional 4 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) 6 x SATA 6Gb/s connector(s) 1 x M.2_FAN connector 1 x CPU Fan connector(s) 1 x CPU OPT Fan connector(s) 3 x Chassis Fan connector(s) 1 x AIO_PUMP connector 1 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 Front panel audio connector(s) (AAFP) 1 x System panel(s) 1 x 5-pin EXT_FAN(Extension Fan) connector 1 x Thermal sensor connector(s) 1 x Power-on button(s) 1 x Clear CMOS jumper(s) 1 x USB 3.1 Gen 2 front panel connector

128 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.0, ACPI 6.1, Multi-language BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F11 EZ Tuning Wizard, F6 Qfan Control, F3 My Favorites, Last Modified log, F12 PrintScreen and ASUS DRAM SPD (Serial Presence Detect) memory information