



# X299 Micro ATX

Part No: **131-SX-E295-KR**

## INTRODUCTION



The X299 platform supports the newest Skylake-X and Kaby Lake-X processors. EVGA X299 motherboards further refine high-performance with multiple options for all the latest SSD options with support for U.2, M.2 and PCI-E drives and is Intel® Optane™ Memory Ready – a revolutionary higher-density memory interface, based on 3D XPoint Technology, delivers a new generation of SSDs designed to obliterate loading times for gamers. However, the X299 platform also supports all the features you've come to expect from EVGA, including up to 128GBs of Quad-Channel DDR4 memory up to 4000MHz+ for Skylake-X, and 4133MHz+ for Kaby Lake-X (OC), Gigabit-NIC support, USB 3.0 and USB 3.1 Type-A and Type-C support, an updated UEFI\BIOS GUI, PWM fan control and a variety of SATA options to fit everyone's needs. The X299 Micro ATX is built with a 8-layer PCB, featuring a CPU socket with 150% higher Gold content powered by an Advanced 12-phase Digital VRM (10 Phase VCore, 2 Phase Memory PWM), providing industry-leading stability for all your applications.

Furthermore, this board is designed not ONLY for overclockers, but also for gamers with NVIDIA® 2-Way SLI Support without the need for PLX chips, blazing-fast networking from an Intel i219 and a 802.11AC Dual Band WiFi, M.2 Key-M, U.2, 6 SATA 3/6g and much more! Big power in a small form factor, size is NOT a sacrifice for the EVGA X299 Micro ATX!

## DESIGN DETAILS

### Supported CPUs -

Intel® Socket 2066 Processors  
(Cascade Lake-X, Skylake-X, and Kaby Lake-X)

**Socket Type** - Intel® Socket 2066

**PCH** - Intel® X299

**DIMM QTY** - 4 DIMM Quad-Channel

**Memory Type** - DDR4 4000MHz+ (SKX), 4133MHz+ (KBX)

**Memory Capacity** - 128GB

**SATA 6.0Gb/s Ports/Controller** - 6 / Intel® X299 PCH

**RAID Support** - RAID 0, 1, 5, and 10

**USB 2.0 Ports/Controller** -

4 Ports (2 from internal header) / Intel® X299 PCH

**USB 3.0 Ports/Controller** -

6 (2 from internal header) / Intel® X299 PCH

**USB 3.1 Ports/Controller** - 1x Type-A, 1x Type-C

**Network Speed** - 10/100/1000

**Network Ports/Controller** -

802.11AC Dual Band + Intel i219 Gigabit NIC

**Audio** - 7.1 Channel HD Audio

**Audio Controller** - HD 7.1 Channel Audio + Optical

**PCI-E Slot Arrangement** - 3x16 (bottom x4)

**PCI-E x16 Mechanical Slots** - 3

**M.2 / 1x Key-M** - 1x 80mm (Up to 32Gbps)

**M.2 / 1x Key-E**

**BIOS Type** - Full UEFI with mouse/keyboard control

**Software** - EVGA E-LEET X Tuning Utility

**Fan Headers** - 6 4-Pin (2 PWM, 4 DC/PWM)

## KEY SPECS

- Supports Intel® Core™ X-Series Processor Family for 2066 Socket
- 150% Increased Gold Content
- Intel® X299 Chipset
- Enthusiast Layout Supporting 2-Way SLI®
- 4 DIMM Quad-Channel up to 128GB 4000MHz+ Skylake-X, and 2 DIMM Dual-Channel up to 64GB 4133MHz+ Kaby Lake-X
- PCI Express® 3.0 Ready
- 4 USB 2.0 Ports (2 internal headers)
- 8 USB 3.0 Ports (6 rear panel, 2 from 1 internal header)
- 2 USB 3.1 Ports (1x Type-A, 1x Type-C)
- Intel® Optane Support
- 6 SATA
- 1 M.2 Key-M 80mm up to 32Gbps
- 1 M.2 Key-E 32mm
- 1 U.2 Port
- 802.11AC Dual Band + Intel i219 Gigabit NIC (10/100/1000)
- mATX Form Factor

## DIMENSIONS

- Width: 9.6in – 243.8mm
- Length: 9.6in – 243.8mm
- Form Factor: mATX Form Factor

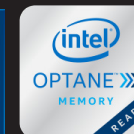
## ACCESSORIES

- EVGA Driver Installation Disc with EVGA E-LEET
- Rear Case I/O Panel
- Rear Case I/O Cover
- 2 SATA 6G Data Cables
- M.2 Key-E 802.11AC Dual Band Wifi and vertical Adapter
- Enthusiast Stickers
- Case Badge
- Manual



### PRODUCT WARRANTY

This product is covered under EVGA's 3 year limited warranty which covers parts and labor. Further warranty extension is available upon registration within 30 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty).







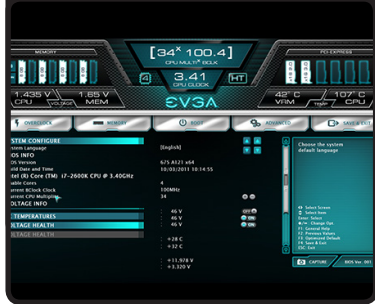
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## FEATURES

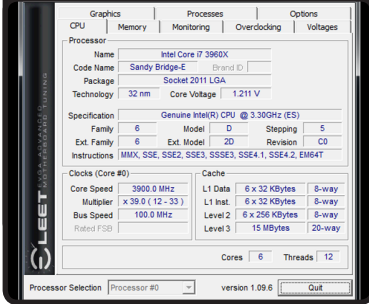
### FULL UEFI GUI BIOS INTERFACE

Focused on functionality



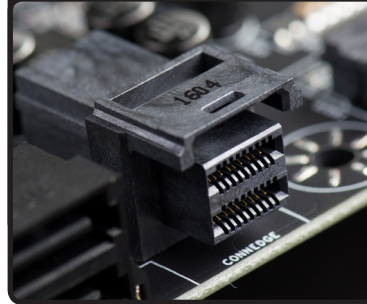
### E-EET TUNING UTILITY

Adjust your overclocking in OS



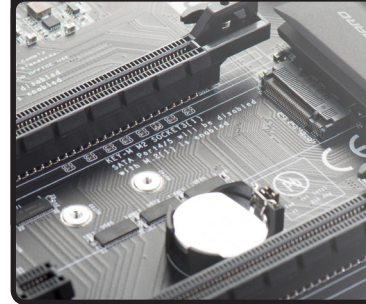
### INCLUDES U.2 SUPPORT

Next Gen Interface



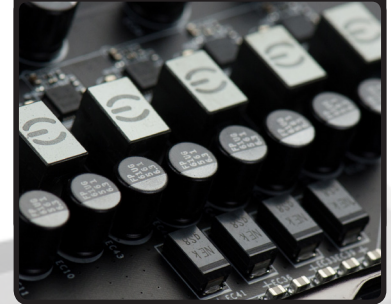
### M.2 SLOT

Next Generation Form Factor



### 12 PHASE PWM

Cleanest variable power switching



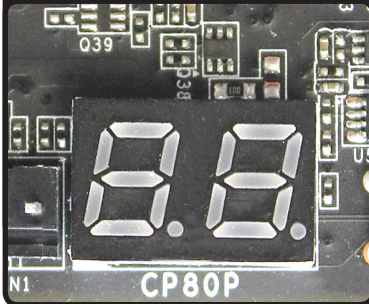
### HIGHER GOLD CONTENT

Lower inductance, better power delivery!



### ONBOARD CPU TEMP MONITOR

Monitor CPU temps quickly and easily



### PASSIVE CHIPSET HEATSINK

No fans, lower noise, longer lifespan



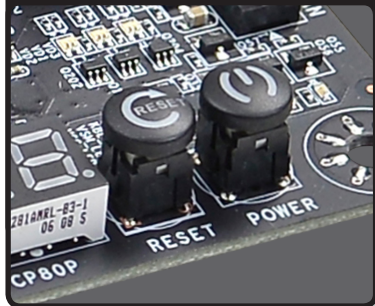
### 8 LAYER PCB

Improved overclock stability and PCB cooling



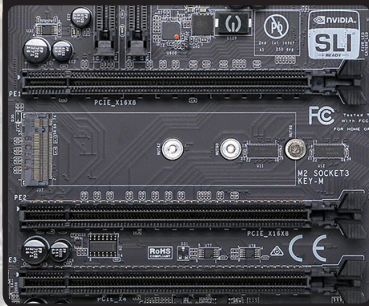
### ONBOARD POWER / RESET

CMOS Reset Buttons at your fingertips.



### 2-Way SLI

Able to handle the most demanding videos.



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