Configurable with the latest generation Core™ i7 and i9 processors with 8 cores, the APEXX S3 is the essential workstation for your professional applications. The APEXX S-Class hosts our most popular configurations for CAD design and 3D modeling applications. With support for two professional GPUs and the world’s fastest processors, APEXX S3 is the ideal platform to accelerate your creative workflow.

### Key Features

- Features the latest Enhanced Performance Intel® Core™ i7/i9 processor with advanced liquid cooling for engineering and product design applications.
- Professional grade NVIDIA® RTX Platform™, NVIDIA® GeForce™, or AMD® Radeon Pro™ graphics.
- World class multi-threaded performance for digital content creation & other professional applications.
- Performance Enhanced 8-Core Intel® Core™ i9 processor

### Materials

Professional grade aluminum chassis manufactured in the U.S.

### Service & Support

Three-year standard warranty. One year of 24/7 phone support with next business day onsite service at no additional cost (US and Canada only).

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**Chipset:** Intel Z590  
**Socket:** Single (1200)  
**CPU Cooling:** Liquid-Cooled (closed loop)  
**Processor:** Intel Core i7 or i9 11th Gen  
**Cores Frequency (GHz):** See notes.  
**Cores/Threads:** 8/16  
**Multi-Threading:** Yes  
**Max Configurable Memory:** 128GB  
**DIMM Slots:** 4  
**Physical PCIe Slots:** x16, x16(x8), x1, x16(x4)  
**PCIe Lanes per GPU:**  
| x16 | x8/x8  
**M.2 Drives:** 2 up to 2TB each  
**U.2 Support:** No  
**RAID Support:** 0,1  
**OCuLink Support:** No  
**Max 2.5” / 3.5” Configurations:** 2 x 3.5” | or | 1 x 3.5” + 2 x 2.5” | or | 4 x 2.5”  
**Onboard Wi-Fi:** 802.11ax (Wi-Fi 6)  
**Onboard Bluetooth:** V5.2  
**Power Supply:** 750-watt (80 PLUS Gold)  
**GPU Power Budget (W):** 350  
**Chassis Dimensions:**  
| 6.84” (17.37cm) W  
| 15.28” (38.81cm) H  
| 17.80” (45.21cm) D

**Front I/O:**  
1 x USB 3.2 Gen 2 (Type-C)  
2 x USB 3.2 Gen 1 (Type-A)  
Audio Out/Mic In

**Rear I/O:**  
1 x 2.5 Gigabit LAN (RJ-45)  
1 x 1.0 Gigabit LAN (RJ-45)  
2 x Thunderbolt 4.0 (USB Type-C)  
2 x USB 3.2 Gen 2 (Type-A)  
4 x USB 3.2 Gen 1 (Type-A)  
7.1-Channel HD Audio  
1 x Optical SPDIF Out  
2 x Antenna  
1 x HDMI

**Optical Drive:** No  
**Rackmount Option:** No

**Notes:**  
This model’s CPU is performance enhanced to maintain boost speeds indefinitely. Intel I9-11900K 2 cores at 5.3GHz / All cores at 5.1GHz. GPU power budgets are conservative estimates. Customize a system to test a specific hardware configuration. Shipping weights are approximate and vary depending on configuration.