

Introducing the EVGA SR-3 DARK - An Elegant Motherboard For A More Civilized Age

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Introducing the EVGA SR-3 DARK

The DARK rises again. Not content to merely shatter records and competition in the consumer market, the EVGA SR-3 DARK merges two extreme performance lines of EVGA motherboards to bring balance to the force with exceptional performance and engineering.

Featuring the Intel® C622 chipset, hexa-channel memory support, 23 phase power design, 16-layer PCB, dual-10GbE LAN ports, a waterblock to passively or actively cool the DARK's VRM, and so much more, this board is packed with everything and is still compact enough to fit in a full E-ATX form factor.

Power

EVGA provides maximum power to your Intel XEON® W-3175X CPU and system through up to four 8-pin EPS connectors and a 24 Phase power design! Once again, EVGA crafted its revolutionary design by using right-angle power connectors to improve airflow and cable management.

Cooling

The SR-3 DARK features a pre-installed waterblock to provide maximum cooling to the chipset and VRM of the motherboard. No watercooling? No problem. The SR-3 DARK will still provide sufficient cooling for all standard uses of the motherboard.

With the EVGA SR-3 DARK, you don't need to see its identification to know that the next evolution of the X299 and Z390 DARK motherboards features the latest improvements for performance and enthusiast needs.

1. 16-Layer PCBA 16-layer high-speed E-ATX PCBA with gold-plated shielded edge enhances stability for heavy loads, improved overclocking, and durability for today's extreme cooling hardware. **2. Highly-Efficient 24-Phase PWM** The SR-3 DARK features a 24-phase Digital VRM (18 VCore, 1 VSA, 1 VCCIO, 4 VDDR) for the cleanest, most stable power design to ensure that you're ready for Intel's 28-core XEON® W-3175X Processor. **3. 300% Higher Gold Content in CPU Socket** Higher volume of precious metal (300% Gold) used in the Narrow 30u socket creates lower contact resistance, resulting in better power delivery. **4. Intel® sSATA to Mini-SAS 6Gb/s Port** The Intel® C622 PCH supports 10 SATA 6Gb/s drives, including an additional 4 ports through a mini-SAS connector located behind the SATA Ports. The controller also supports NCQ, TRIM, hot swap capability, and RAID levels 0/1/5/10. **5. PCIe Disable Switches** The SR-3 DARK offers PCIe disable switches to quickly shut off PCIe slots to troubleshoot or restore used resources without the need to physically uninstall hardware. **6. Triple BIOS Select Switch** Switch between up to 3 different BIOS ROMs for overclocking, benching, 24/7 use, or anything you can think of. **7. SW Slow Mode Switch** Changes the CPU Ratio to the minimum CPU ratio in real-time for stability purposes or to reduce heat/power usage between long benching sessions. **8. ProbeIT Connectors** Attach your Digital Multimeter to the included ProbeIT adapter and monitor all your voltages in real-time. **9. Creative Core3D Audio** Creative 5.1 Channel Audio with output amplifiers – the industry standard for audio quality. **10. Safeboot Button** Pressing this button will restart the system and launch into the BIOS at safe setting, while keeping the same settings when you previously left the BIOS. Handy for those times when the board fails to POST, but you only need to make one or two changes to fix it!

Components

M.2 Support USB U.2

2x M.2 Key-M 100mm Slots USB 3.1 G1 / USB 3.1 G2 Type-A / Type-C 2x U.2 NVMe Ports

Creative Audio Hexa-Channel Memory 4-Way SLI Support Creative 5.1 Channel Audio Up to 192GB of 4000MHz+

(OC) Hexa-Channel RAM on Intel Xeon® W-3175X, Cascade Lake-SP, and Skylake-SP Processors. 6x

metal-reinforced PCIe slots give you the space and bandwidth to support current and previous generation NVIDIA SLI®

10GbE LAN BIOS Triple BIOS Support 2x Intel® 10GbE with teaming support EVGA's Latest GUI UEFI/BIOS featuring OC Robot and IN-BIOS Stress Test Switch profiles quickly and easily between stable, gaming, overclocking or any other configuration you can imagine.

Features

USB BIOS Flash without a CPU The dedicated internal USB port on the motherboard allows you to update your motherboard BIOS even if you don't have a CPU or cannot boot into the motherboard. Post Indicator Multi-Function POST Indicator – Fully configurable in BIOS, these LEDs can be configured to show temperatures, voltages or cycle both in real-time. Right Angle Headers 24-pin power, all 8-pin CPU power, Fan, and Probe-It connectors – Hand-crafted design to provide clean system assembly without cable clutter. Visual Guide / Bench Table Every EVGA SR-3 DARK is packed with a printed PCB showing components, LEDs, PCIe lane breakdowns, and other helpful information. More importantly, this PCB with included standoffs doubles as an open-air testing or benching station, providing clearance for heaters, condensation isolation, and storage devices. PCIe / DIMM Status LEDs PCIe / DIMM status LEDs allow for easy system assembly and troubleshooting at a glance.