

## **A High Performance, Open, and Secure Alternative to X86 Computing**

*Talos II Secure Workstations, Rack Mount Development Kits, and Mainboard Bundles Now Available*

**CHICAGO, August 16, 2017**—Raptor Computing Systems announces Talos II secure workstations, rack-mount development kits, mainboard bundles, and mainboards are now available on their website: [www.raptorcs.com](http://www.raptorcs.com). The Talos product line, designed by Raptor Engineering, specializes in high performance, secure computing systems at an affordable price for business, academia, researchers, developers, and the general public who are committed to Linux or BSD platforms.

The Talos II product line is first to market with IBM's 14nm POWER9 processor, built on OpenPOWER technology. POWER9 has large caches and high SMT levels to ensure applications run smoothly, even with full system utilization. The Talos II product line also is first to market with fully open and auditable BMC firmware, based on the OpenBMC project.

Raptor Computing Systems brings the long-anticipated PCIe 4.0 standard to market with Talos II. The new standard doubles interconnect performance from 8GT/s to 16GT/s, lowers power consumption, and enables development of next-generation cards.

Talos is known for its emphasis on secure computing, and offers unique hardware and firmware security features not found in other systems. These features put the machine owner in full control of system security, preventing entire classes of malware from gaining a foothold.

To read an in-depth interview with Timothy Pearson, Raptor Engineering's Director of Research and Development, please see our media webpage at [www.raptorcs.com/presskit](http://www.raptorcs.com/presskit).

Talos II is available at all purchase levels, from the affordable single mainboard through complete workstations and rack-mount development kits. Feature lists, specifications, and pricing are accessible on the Raptor Computing Systems website: [www.raptorcs.com](http://www.raptorcs.com).

The Talos II Mainboard includes:

- 2 POWER9-compatible CPU sockets
- 16 DDR4 ECC RAM slots
- 3 PCIe 4.0 x 16 slots
- 2 PCIe 4.0 x 8 slots
- 2 Broadcom Gigabit Ethernet ports
- Optional Microsemi SAS 3.0 controller
- 4 USB 3.0 ports (2 external and 2 on internal header)
- 1 USB 2.0 port

- 1 external RS-232 port
- 1 internal RS-232 port header
- 1 ASpeed BMC with OpenBMC
- 1 VGA video port.

Mainboard bundles, work stations, and rack-mount development kits can be ordered with single or dual IBM POWER9 CPUs. Additionally, workstations and rack-mount development kits may be configured per an available options list.

Because of anticipated demand, Raptor Computing Systems recommends ordering their Talos II products early.

***Raptor Computing Systems is committed to bringing cutting-edge, secure technology to market for use in FOSS (Free and Open Source Software) environments.***

#### **MEDIA FRIENDS**

***We like interviews and questions about our products--and we understand your deadlines! Contact us anytime at [172765@email4pr.com](mailto:172765@email4pr.com), or visit the media webpage: [www.raptorcs.com/presskit](http://www.raptorcs.com/presskit), which contains our current press release, interview ideas, quotable content, and FAQ.***

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