Customers wanting to easily carry a high performance computing system get such a product from X-IO-- the portable version of the Axellio edge-computing platform fits in two "easily-transportable" suitcases.

But why would an on-the-go rapid response team choose a portable Axellio system, instead of a stack of laptops? According to X-IO portable Axellio can handle advanced analytics in real time, as it carries up to 88 CPU cores, 2TB RAM, 460TB NVMe flash storage and x4 100GbE network connectivity, all within a high-density 2U design.

The result, the company claims, is a system able to handle 12 million IOPS and 480 Gbps transfer rates with under 50ms latency. The hardware is easily disassembled before reassembly onsite, with one carry-on suitcase holding the storage while a larger suitcase contains the main server chassis.

“Sometimes you must take the power of advanced computing to the epicenter of a crisis or event,” X-IO adds. “By putting Axellio on a plane and then at the scene, deployable teams have the power they need to quickly analyze and address any event with a unique combination of performance, density and cost at a remarkably small and easily portable footprint. No other technology can simultaneously ingest and process large data flows at such high-performance speeds and such low cost.”

The portable Axellio solution is available now via X-IO partners.

Go X-IO Introduces Portable Axellio Edge Computing System