Taking aim at DRAM

Liqid and Intel® Optane™ Technology U.2 solid state drive (SSD) solutions combine the unparalleled high-throughput, low-latency, quality of service (QoS) and endurance of Intel Optane SSDs with Liqid’s industry-leading PCIe fabrics to deliver higher user capacity and application performance. Achieving DRAM memory-like speeds, the Liqid and Intel® Optane™ solution suite is available in capacities of up to 1.50 TB for high-value workloads.

The U.2 form factor offers a hot pluggable Gen 3.0 PCIe interface with single- and dual-port configurations, which enables high throughput and high availability. It utilizes the latest NVMe protocol in order to deliver increased performance and efficiency from a single device. The U.2 outperforms legacy architectures by delivering up to 3.60 GB/s throughput and 850 K IOPS of random performance and ultra-low transactional latency of <10 µs.

The Liqid solutions also supports Intel® Memory Drive Technology software that extends system memory transparently. Intel® Memory Drive Technology integrates the SSD into the memory subsystem and makes it appear like DRAM to the OS and applications. As a fully transparent memory solution, no changes are required to the OS or applications.
About Liqid

A leader in composable infrastructure, Liqid enables users to configure and manage physical, bare-metal server systems in seconds. Storage, compute, networking and graphics processing devices are interconnected over PCI-Express fabric to deliver dynamically configurable bare-metal servers perfectly sized with the exact physical resources required by the application being deployed.