Western Digital’s RapidFlex™ C1000 NVMe-oF™ adapter is a half-height/half-length solution which enables NVMe™ over Fabrics (NVMe-oF™) attached storage systems. This high-performance adapter is based on Western Digital’s NVMe-oF Bridge ASIC, and forms a key component for the enablement of the industry’s newest Composable Disaggregated Infrastructures.

This target NVMe-oF adapter represents a unique approach to NVMe-oF bridging, based on extensive levels of hardware acceleration. By removing firmware from the performance path, read and write I/Os flows through the NVMe-oF adapter with minimal latency.

At less than 10W of nominal power consumed, this plug-in adapter enables extremely low-power JBOF solutions which can significantly lower overall power and cooling requirements of today’s scale-out data centers.

The -E option offers a second Ethernet management port through the PCIe connector. This second Ethernet port runs up to 100Mbps and allows management traffic to be supported on an independent network from the main data fabric. This port can be enabled through the addition of a “-E” suffix (see ordering information section).

Contact Western Digital today for more information about integrating this NVMe-oF target solution into a specific JBOF system.