

# Liquid Composable Development Kit



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## LIQID COMPOSABLE

The Liquid Composable platform delivers unprecedented rack scale agility, marking the next evolution in bare metal data center architecture. Liquid's hardware and software platform allows users to manage, scale out, and configure physical bare-metal server systems in seconds. Liquid Command Center software is delivered with the Liquid Grid PCIe switching fabric enabling true disaggregation of industry standard server components. Pools of compute, network, storage, and graphics processing (GPU) elements can be deployed natively across PCIe, and physical bare-metal servers can be configured instantly, and dynamically reconfigured through policy-based automation as infrastructure needs change.

## LIQID DEVELOPMENT KIT

The Liquid Development Kit is a purpose-built, turn-key solution to allow rapid prototyping, development, and qualification leveraging Liquid Composable, Liquid's composable infrastructure platform. Users can begin test and development by writing software against Liquid's RESTful API or using the intuitive user interface directly. The Dev Kit includes all the necessary gear to get started, including the Liquid GRID PCIe switching fabric, Liquid Command Center, two compute nodes, as well as an expansion box that includes two network ports, four solid-state drives, and two graphics processors. All components are preconfigured to work out-of-the-box by connecting two cables – power and ethernet. The Liquid Development Kit ships in a six rack unit chassis on casters, has the option to be rack mountable, and includes all necessary cabling, documentation, reference code, and OS images to get started in minutes.



# DEV KIT SPECIFICATIONS

## LIQID BASE DEV KIT

Software	Liquid Command Center
Composable Fabric	Liquid Grid - 24-port Managed PCIe Gen 3.0 Switching Fabric
Expansion Chassis	4-Slot (x16) Expansion Chassis for Composable Elements
Compute	2x Nodes - Intel® Xeon® 8-Core, 64 GB DDR4
Network	2x NIC - 25 Gb Ports - Mellanox® MCX4111A-ACAT
Storage	1x SSD - 800 GB usable NVMe - Kingston® DCP1000
Graphics	2x GPU - NVIDIA® Quadro® P4000
Control Plane	16-port 1Gb Ethernet
Power	APC® Power Distribution Unit
Form Factor	Rolling Chassis w/ Rack Mountable Option
Model Number	LQD-CIDEVKITBASE

## LIQID ENHANCED DEV KIT

Software	Liquid Command Center
Composable Fabric	Liquid Grid - 24-port Managed PCIe Gen 3.0 Switching Fabric
Expansion Chassis	4-Slot (x16) Expansion Chassis for Composable Elements
Compute	2x Nodes - Intel® Xeon® 16-Core, 128 GB DDR4
Network	2x NIC - 100 Gb Ports - Mellanox® MCX515A-CCAT
Storage	1x SSD - 3.20 TB usable NVMe - Kingston® DCP1000
Graphics	2x GPU - Nvidia® Quadro® P6000
Control Plane	16-port 1Gb Ethernet
Power	APC® Power Distribution Unit
Form Factor	Rolling Chassis w/ Rack Mountable Option
Model Number	LQD-CIDEVKITPLUS

Your infrastructure, our platform.  
Compose with us.

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