

Quorum onQ

Mini POD



Secure and Scalable BDR

In the age of the data boom, a good backup and disaster recovery solution doesn't just store, protect and recover information. BDR solutions must scale seamlessly with each organization's needs in a nimble and cost-effective manner. Yet teams with rapid data growth frequently bump up against physical constraints and rigid systems, forcing them into expanding rack space and the purchase of multiple BDR appliances.

To scale efficiently, organizations need a robust BDR solution that lets them grow compute and data separately. IT leaders need a solution that can adapt to their challenges rather than trying to shoehorn their data into rigid pre-molded platforms—a solution that lets them create the best BDR system for their evolving needs.

onQ Mini POD is a modular hardware solution that lets your team grow your data into hundreds of terabytes—with only one appliance. A new addition to the Quorum hardware lineup, Mini POD helps you easily add capacity to storage or add the capacity to backup more servers independently of each other. Whether you need to protect physical or virtual servers, Mini POD can help. And Mini POD can support from 100TB to 200TB over an 3U-7U setup—a boost to fast-growing organizations and larger scale enterprises.



With Quorum, we can recover specific user files with a single click instead of the much lengthier process that's involved with recovery from tape.

Jim Allen Georgetown Savings Bank



About Quorum: Quorum provides Data Protection solutions helping businesses worldwide to protect their mission-critical data with an all-in-one, easy-to-use, 1-click backup and instant recovery solution. Our onQ product provides backup, recovery and storage replication of your mission-critical data after any storage, system or site failure. Regardless of which deployment environment is selected for your business, Quorum protects mission-critical data under any circumstance and threat. Quorum is modern-day data protection for your business, serving customers worldwide, with offices in the US, UK and business affiliates with offices in South Korea and the UAE. To learn more, visit us at www.quorum.com.

Reduce equipment and resource costs.

Because Mini POD is the only appliance you need, there's no need to keep buying additional appliances or servers to accommodate growth. And because Mini POD can grow storage and compute independently, you don't have to pay for resources you don't need.

Scale painlessly.

Regardless of your expansion needs, Mini POD can help you scale as flexibly as you need. After starting at 100 terabytes of data and 50 VMs or average-sized physical servers, you can increase capacity in either direction. Your BDR solution will adapt to your organization's growth—seamlessly.

Build a bridge to your future.



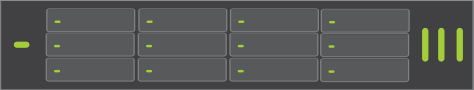
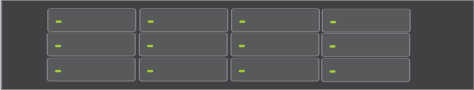
Mini POD opens the door to enterprise scalability. To set the stage now for future growth, configure Mini POD to meet your needs today while being prepared for tomorrow's demands—without requiring new investments. Mini POD can support from 100TB to 200TB over an 3-7U setup, a serious upgrade from any other solution on the market.

How onQ Mini POD Works

- Begin with 100 terabytes and 50 VMs or physical servers.
- Add additional capacity wherever you need it. A 1U compute unit helps you grow compute separately.
- If you need to expand from 50 VMs to 100 without buying more storage, you can.
- If you want to keep the VM count but increase 100 terabytes to 200, you can independently grow that too.

onQ Mini POD Specs

- The onQ Compute consists of a 1U appliance with 256TB of RAM per node—512TB total.
- The onQ Head/Filer unit is the storage management 2U appliance.
- The onQ Storage Expansion is a JBOD, using a SAS connection to the onQ Head unit. This JBOD has (12) 12TB 7200 SATA drives.
- The onQ Network is a stand-alone 48 port 10G switch, which is used only for internal communication with the Quorum Mini POD solution. The switch is not used to connect to the customer network. The switch is only required if you expand beyond 1 compute.
- Installation: All Mini POD components are rack mount and include rails. JBOD storage should be installed under Compute, Head, and Network, with 1U space left above onQ Compute for future expansion.

	MODEL	SUMMARY	NODE DETAIL
	onQ-mini-Compute-1	1U with support for up to 100 PNs.	2x SKL 4116 (12C, 2.1 Ghz) 256 GB Ram (512 GB max) 4x10 GB + 4x1 GB Networking
	onQ-Switch	1U switch; allows communication between the compute and storage head units.	48 port 10GB RJ45 network switch dedicated to onQ communication.
	onQ-Mini Filer	1U server acts as head of Filer SAN.	1x SKL 4110 (8c, 2.1 Ghz) 128 GB Ram 2x10 GB + 4x1 GB Networking
	onQ-ES12-100	4U half populated 60 drive bay storage unit (JBOD). Connects to onQ-Head via SAS cable.	100TB raw storage; up to 150TB with compression.

A modular hardware solution that can support from 100TB to 200TB over an 3U-7U setup, onQ Mini POD offers BDR that's more robust and flexible than any other solution on the market. By reducing resource costs and empowering future growth, onQ Mini POD is the leader in secure and scalable enterprise BDR.