

## ESSENTIALS



- The only fully integrated, preconfigured, and tested hyper-converged infrastructure appliance for VMware Hyper-Converged Software.
- Seamlessly integrates with existing VMware eco-system management solutions for streamlined deployment and management in VMware environments.
- Multiple configurations allow flexibility to buy just what you need—from low entry to workload consolidation to all-flash performance.
- Start small and scale on-demand—from 40 VMs to over 3,000 VMs.
- Includes a full suite of industry-leading data services from EMC and VMware, including compression, de-duplication, replication, backup, and cloud tiering.
- Leverages your existing IT investments and processes to expand on what is already known and proven in your environment.
- Create certainty, predictably evolve, and continuously modernize with an appliance that will always deliver the latest VMware technology.

# VCE VXRAIL™ APPLIANCE: A QUANTUM LEAP IN HYPER-CONVERGED INFRASTRUCTURE

IT infrastructure is no longer just supporting the business; it is the business enabler. Infrastructure must support constant business demands for new applications and services with limited budgets and resources. Yet there is limited time to constantly evaluate and integrate hardware, software and networking solutions to meet continuously evolving requirements. Create an automated, dynamic infrastructure that adapts to your business demands with the VCE VxRail™ Appliance.

## EXCLUSIVE HYPER-CONVERGED INFRASTRUCTURE (HCI) APPLIANCE

JOINTLY DEVELOPED BY EMC AND VMWARE – VxRail is the only fully integrated, preconfigured, and tested HCI appliance powered by VMware Hyper-Converged Software and is the easiest and fastest way to stand up a fully virtualized software-defined data center (SDDC) environment. With the power of a whole SAN in just two rack units, it provides a simple, cost effective hyper-converged solution for a wide variety of applications and workloads. The VxRail Appliance delivers resiliency, QoS, and centralized management functionality enabling faster, better, and simpler management of consolidated workloads, virtual desktops, business-critical applications, and remote office infrastructure.

## FLEXIBILITY AND CHOICE

Built-to-order hardware with configurations to match any use case, the VxRail Appliance offers choice of next-generation Intel processors, variable RAM, storage, and cache capacity with increased horsepower per appliance, allowing customers to buy what they need now and providing a predictable, “pay-as-you-grow” approach for future scale out.

**All-Flash Nodes** – Maximum performance and scale for mission critical workloads and applications that demand low latency.

**Hybrid Nodes** – Blends performance and cost across a range of processing power, memory and storage.

ALL FLASH NODES					HYBRID NODES					
12	16	20	24	28	6	12	16	20		
Cores					Cores					
256GB		512GB			64GB	128GB	192GB	256GB	512GB	
Memory					Memory					
7.6TB		11.4TB		15.2TB	19TB	3.6TB	4.8TB	6TB	8TB	10TB
Storage					Storage					
Copper		Optical			Copper		Optical			
Network					Network					



## PERFORMANCE AND SCALABILITY

Based on VMware vSphere™ and VMware Virtual SAN™ software, the VxRail Appliance delivers a known and proven building block for the SDDC that delivers up to 5x the performance of other hyper-converged appliances. The VxRail Appliance allows you to start small and grow—from 40 VMs to 3,200 VMs—scaling capacity and performance easily and non-disruptively.

## REPLICATION

RecoverPoint for VMs provides simple, efficient, and proven disaster recovery for VMware vSphere, protecting virtual machines at a granular level. Continuous data protection, built-in orchestration and automation, and recovery to any point in time ensures business continuity. Each VxRail Appliance includes licenses to replicate 15 VMs—covering most customer needs with the option to buy additional licenses if required.

## BACKUP AND RECOVERY

Included VMware Data Protection (VDP) protects every application or VM on the VxRail Appliance. Deployed as a virtual appliance with up to 8TB capacity, VDP features familiar vCenter web client management and is powered by EMC Avamar with built-in deduplication to reduce network bandwidth and shrink backup windows.

## CLOUD

Integrated EMC CloudArray seamlessly extends VxRail Appliance to public and private clouds to securely expand storage capacity without limits, providing an additional 10TB of on-demand cloud storage per appliance.

## DATA EFFICIENCY

VxRail Appliance is optimized for modern all-flash storage, delivering efficient deduplication, compression, and erasure coding capabilities that enable high performance all-flash systems with increased usable capacity.

## USABILITY AND MANAGEMENT

Built on the foundation of VMware Hyper-Converged Software and managed through the familiar vCenter Server interface, VxRail Appliance provides existing VMware customers an experience they are already familiar with. And seamless integration with existing VMware tools such as vRealize Operations lets customers leverage and extend their existing IT tools and processes while providing a platform to deploy the latest VMware solutions such as VMware NSX and Horizon Air Hybrid Mode. Additionally, the VxRail Appliance is discoverable and visible in VCE Vision™ Intelligent Operations for a comprehensive IT core-to-edge management ecosystem.

## VXRAIL APPLIANCE MARKET

This unique feature, built into the appliance management interface, enables access to complementary EMC and third-party products that extend the capabilities and allow customers to get the most out of their VxRail Appliance.

## WORLD CLASS SERVICE AND SUPPORT

With a single point of global 24x7 support for both the Hardware and Software, and backed by ESRS for dial-home secure remote connection for monitoring, diagnosis, and repair, you can trust that VxRail Appliance provides the ultimate appliance support on the market.

### EMC STORE:

To browse models, compare features and get a quote visit the EMC Store today.



### CONTACT US

To learn more about how VxRail™ Appliances can help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at the EMC Store.

