

**ComputerVault Hyper-converged Infrastructure (HCI)
Certifies Intel Server System R1000WF Product Family**



*ComputerVault White Paper
February 2021*



Certification / Intel / Intel Server System R1000WF Product Family



**ComputerVault Hyper-converged Infrastructure (HCI)
Intel Server System R1000WF Product Family**

Intel Certification	3
Virtual Desktops that Actually Work	3
Eliminate Indirect Labor Costs	4
Key Benefits	4



Intel Certification

ComputerVault HCI software, Release 2.0, is used to deploy virtual desktops and an Internet of Things Platform-as-a-Service. Optimized to run on Commercially Available Off-the-Shelf (“COTS”) hardware, ComputerVault certifies each server OEM and its configuration to ensure performance and reliability.

ComputerVault certifies the **1-U Intel Server System R1000WF Product Family** to deliver virtual desktops that are:

- Faster than a local PC both in the LAN and WAN
- TCO less than buying and supporting PC’s

The **1-U Intel Server System R1000WF Product Family** exceeded all performance and uptime benchmarks required for ComputerVault HCI software to perform as designed, i.e., faster than a local PC both in the LAN and WAN, including:

ComputerVault HCI

- Virtual Desktops
 - IoT PaaS
 - Intel 1-U Servers
- CPU
 - I/O
 - Network
 - Storage
 - IOPS (Latency, Sequential and Random Reads)
 - Uptime

Virtual Desktops that Actually Work

Having ComputerVault hosted on Intel servers delivers virtual desktops that do not demand significant time and resources to deploy and maintain.

From its NOC, ComputerVault remotely provides:

- Software Administration
- Installation & Deployment
- Monitoring & Alerting
- Patching & Upgrades

and, support for the entire technology stack by certified ComputerVault engineers, as part of the software license.

A customer’s IT group is free to focus on delivering applications, drive innovation, enhance efficiency and agility for their business.

Eliminate Indirect Labor Costs

Customers do not need to maintain ComputerVault software administrators on staff, as they do with competing virtualization products, greatly reducing labor costs.

Also included in the software license is deployment, patching and upgrades by ComputerVault certified engineers. Deployed in a matter of hours, ComputerVault eliminates expensive projects to get up and running. There is also never any additional cost for patching and upgrades.

The automation of ComputerVault software and the reliability of Intel servers, with compute, storage and virtualization co-located on a single node while part of a cluster provides uptime, flexibility and scalability.

Key Benefits

Some of the other key benefits of having ComputerVault hosted on Intel servers include:

Reduced Technology TCO: Deploy the appropriate amount of server, storage and networking resources to meet current requirements and eliminate risk and over-provisioning.

High Performance and Reliability: No boot storms and faster than a PC.

Solves BYOD: Any Linux or Windows-based device may be used as a client using either a web browser or ComputerVault software client to access your virtual desktop.

Solves Work from Home: Your work desktop, configured and maintained by your IT department, with faster than PC performance in the WAN.

Ease of Scaling: Start with a small pilot project and grow to thousands of users without disruption or performance degradation.

Fast Turnkey Deployment: A turnkey solution that deploys in a few hours. Neither IT nor the end user require any training – just log in and use.

Immediate ROI: Costs less than buying and supporting PC's. Start saving money on day one.

ComputerVault HCI Certifies Intel Server System R1000WF Product Family
January 2021



Published by ComputerVault, Inc.

Authors: Paul Angelo, Peo Nathan, and Shanmugha Bharathy Balasubramaniam,
ComputerVault, Inc.

ComputerVault, Inc.
65 Boston Post Road W
Marlborough, MA 01752
U.S.A.
www.ComputerVault.com

Inquiries:
Phone: +1.508.624.9900
Fax: +1.508.624.9905

Copyright © 2021, ComputerVault. All rights reserved.
This document may not be reproduced or transmitted in
any form or by any means, electronic or mechanical, for
any purpose without our prior written permission.