

Cloud-based computing meets advanced processing power with TERRA for Microsoft Azure Stack, an all-flash-based solution from Wortmann AG that builds on a legacy of superior quality and support to transform cloud computing

A HIGHER STANDARD IN CLOUD- BASED COMPUTING SOLUTIONS

Companies are increasingly looking to cloud-based computing solutions for greater flexibility, cost efficiency, and the agility needed to adjust rapidly to marketplace changes.

But for many—particularly companies with significant intellectual property and privacy concerns—the public cloud poses a dilemma. While they prize the flexibility and power it offers, they are reluctant to give up control over their proprietary data and assets. Concerns about this trade-off between flexibility and control have led many to miss out on the full power of cloud computing.

Until now.

Seventy percent of cloud users are considering a hybrid cloud strategy in the next 24 months¹. As the need for hybrid cloud-based computing grows among companies of all sizes, Microsoft's Azure Stack provides scale and flexibility required by modern workloads.

TERRA Azure Stack, built on Intel® technologies, provides performance, control, and agility in a fast and easy-to-implement solution. Azure Stack combines the flexibility of multi-cloud computing with performance and control for on-premises environments.

IT leaders can invest with confidence in leading-edge infrastructure while delivering the environment their production and development teams need to build modern applications that meet swiftly changing

business and technical needs. Developers can now build these applications using a consistent, open set of Azure services that meet business, technical, and regulatory requirements. The self-service portal has a simplified GUI, making it easy for anyone with basic technical skills to seamlessly manage data and applications in both the public and private cloud.

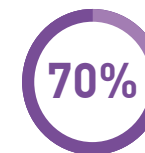
Through Intel's leadership, cloud computing is meeting the needs of more companies, of all sizes—by becoming more accessible, more secure, more streamlined, and more efficient.

THE FIRST ALL-FLASH-BASED AZURE STACK SYSTEM FROM INTEL, MICROSOFT AND WORTMANN AG

TERRA for Microsoft Azure Stack, the result of a three-way collaboration between Microsoft, Intel and Wortmann AG, is a turnkey solution designed to set a new standard in hybrid cloud computing for both public and on-premises environments. Wortmann AG, Intel's first all-flash Microsoft Azure Stack deployment partner, brings a legacy of superior quality and support to the endeavor.

MICROSOFT AZURE STACK IS AZURE IN YOUR DATACENTER

TERRA for Microsoft Azure Stack combines feature-rich Intel® Xeon® Scalable processors, powerful Intel® Solid State Drives (Intel® SSDs), and the latest Intel® Server Boards. Together these next-generation technologies provide end users higher levels of performance, scale, and flexibility.



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INTRODUCING WORTMANN AG, OUR FIRST DEPLOYMENT PARTNER

Wortmann AG is Intel's first all-flash Microsoft Azure Stack deployment partner, bringing a legacy of superior quality and support.

Founded in 1986, Wortmann is a German computer manufacturer known for servers and their THINCLIENT. With TERRA, Wortmann delivers the first all-flash-based system for Azure Stack.

Wortmann AG empowers its customers with industry-recognized consulting and support services, featuring automated and semi-automated maintenance processes, deep troubleshooting, and easy-to-use customer and administrator portals.

Customers can choose to have Wortmann as their main point of support contact for TERRA for Microsoft Azure Stack, or utilize a pay-as-you-use model to work for all budgets.

The result is a supported, secure, and turnkey cloud platform that can get to work immediately.

BUSINESS CHALLENGES: WHY MORE COMPANIES ARE TURNING TO HYBRID CLOUD SOLUTIONS

Legacy Infrastructure Often Hampers Agility

Gaining a competitive advantage today requires efficient use of technology and the ability to be flexible. While new, more effective technology is developing faster all the time, the reality is that most legacy infrastructure simply cannot keep up—it is not designed to accommodate rapid innovation and agility. Complicating matters further, the rapid pace of technology development is contributing to a growing gap in the skills and experience of IT workers. Companies need flexible, scalable, easy-to-deploy IT infrastructure

Regulations Require On-premises Workloads

Concerns about data security and regulatory compliance prevent some organizations from benefiting from the advantages public cloud offers. In many parts of the world, regulations exist that prevent data from being stored outside that region.

Growing Computing and Usage Demands

With today's workloads, customers need high-efficiency, high-performing solutions that allow them to meet usage demands without increasing costs and the ability to move work back and forth from on-premises to cloud easily and efficiently.

Investing in hybrid cloud delivers increased flexibility and scalability, along with cost savings, to help organizations gain a competitive edge and improve regulatory compliance. As companies become more aware of these benefits, the market for hybrid cloud solutions is rapidly growing.

But not all hybrid cloud implementations are the same. Some hybrid solutions can be challenging due to the following:

Complexity. A combination of on-premises and off-premises infrastructure requires carefully planned management, the lack of which can result in difficulty controlling assets across systems.

Duplication. Security policies and other processes can be duplicated, leading to inefficiency and unnecessary work.

Inconsistency. Data and governance policies can quickly become out of sync between on-premises and off-premises systems if poorly managed.

The TERRA for Microsoft Azure Stack hybrid cloud solution helps businesses overcome these challenges and speed time to market while supporting data security, privacy protection, and regulatory compliance

TERRA FOR MICROSOFT AZURE STACK HYPERCONVERGED HOST (SIZING) IS AVAILABLE AS FOLLOWS

PACKAGE	PROCESSOR	RAM Values per host	CAPACITY SSD
Small	Gold 5115 (10c, 2.4 GHz)	512 GB	~ 21TB
Medium	Gold 6132 (14c, 2.6GHz)	512 GB	~ 41 TB
CSP Performance	Gold 6136 (12c, 3.0GHz)	1024 GB	~ 41 TB
Large	Gold 6140 (18c, 2.3GHz)	1024 GB	~ 80 TB

Minimum 4 hosts for package configuration.

NETWORK CONFIGURATION WITH ARISTA SWITCHES IS PART OF THE AZURE STACK PACKAGES