

# secureguard blazics 3100

The high-performance virtualization solution for enterprises



## Optimized for enterprise applications

The robust and performant blazics 3100 series is distinguished by its excellent scalability (2-16 nodes) particularly for large and mid-sized enterprises. Utilizing hybrid storage (NVMe, SSD and HDD's) combined with a network infrastructure capable of up to 100 GbE, the blazics 3100 series impresses with the highest performance (up to 1 million IOPS, VMFleet) while simultaneously optimizing costs

## Hyperconvergent and hybrid

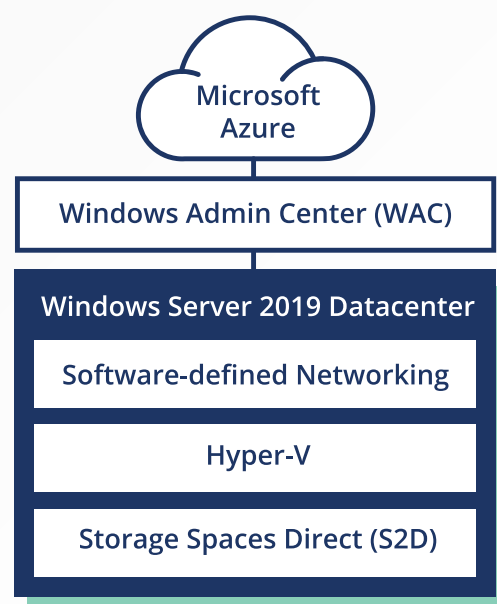
The blazics 3100 series validated with the Microsoft Azure Stack HCI combines performance with state-of-the-art technologies such as software-defined storage (S2D) and software-defined networking (SDN).

Complete failsafe performance beginning with as few as 2 nodes provides a solid foundation for mission-critical workloads, while also offering scalability up to 16 nodes. The solution allows easy entry into hybrid scenarios along with the expansion of the local IT towards Microsoft Azure.

The Windows Admin Center is included as a management tool to enable easy commissioning, administration and monitoring.

## Benefits of the blazics 3100 solution

- High-performance preinstalled systems
- Highly reliable
- Consolidates virtual workloads
- Simple and fast scaling
- Improves productivity and efficiency
- Improves availability of apps/services
- Microsoft Azure Stack HCI certified



## Specifications

Form factor:	2U rackmount
CPU:	16-54 core (Intel)
NIC:	up to 100GbE RDMA via RoCE
RAM:	up to 2TB
Storage capacity:	up to 120TB raw per node
Storage layout:	NVMe (Cache) + SSD + HDD
Remote Management:	IPMI on board
Scaling:	2-4 nodes per cluster

## Consolidation & Modernisation

The end of support for Windows Server 2008 R2 and Windows Server 2012 sees many businesses faced with the challenge of renewing their existing IT infrastructure quickly, simply and cost-effectively. In comparison to previous storage and virtualization solutions, hyperconverged solutions offer the advantage of better reliability and performance with simultaneous reduction of complexity and hardware requirements.

## High-performance network

The blazics 3100 solution can optionally be supplied with an optimized and high-performance network infrastructure (switches and cabling up to 100GbE) for a dedicated storage network or as a consolidation switch for your office network.



## Use cases



Remote Office/  
Branch Office



IoT/  
kubernetes

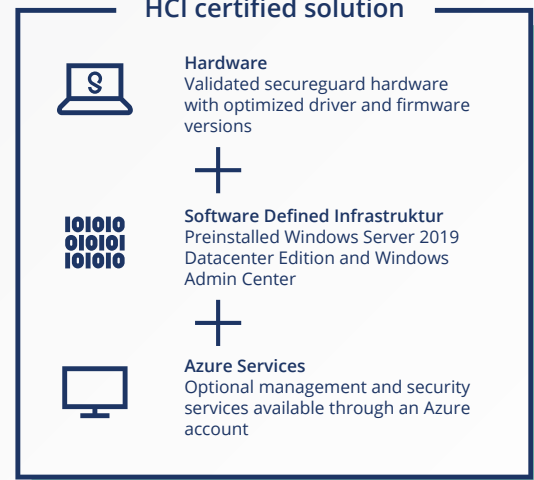


High available  
VM's/services



High-performance,  
redundant file server and  
backup target

## Microsoft Azure Stack HCI certified solution



More Information: [Microsoft.com/hci](https://Microsoft.com/hci)

## About secureguard

With more than 20 years' experience in development of specialized software and integrated hardware solutions, SecureGUARD GmbH, headquartered in Linz (Austria), is a long-term Microsoft Gold Certified Partner and Member of the Microsoft Enterprise Cloud Alliance.

Gold  
Microsoft Partner

