

SOLUTION BRIEF

StorMagic SvHCI™ with SNUC extremeEdge Servers™

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The increase in data processing and storage at the edge shows no sign of slowing. More and more organizations are discovering that reliance on the cloud, bottlenecked network links, or extremely expensive WAN connections are all no longer acceptable. Business-critical data has to be collected, processed, and often stored, at the edge.

What does the edge look like to you? It might be oil rig platforms, telco towers, or retail stores. Everyone has an idea of what the edge of the enterprise looks like, which means a solution for edge environments needs to be equipped to handle such variations.

HCI INTEGRATED SOLUTIONS PURPOSE-BUILT FOR THE EDGE

It is with these use cases in mind that StorMagic and SNUC have partnered, creating an OEM agreement that sees StorMagic SvHCI full-stack hyperconverged infrastructure (HCI) software pre-installed on SNUC's extremeEDGE Servers. The joint solutions tackle the challenges within the world's most demanding environments head-on. Purpose-built, edge-ready appliances for your exact needs.

With both hardware and software designed specifically for edge environments, your organization can benefit from a solution that is simple, edge-ready, and right-sized.



SIMPLE

- Get set up in minutes, with touchless deployment and an easy out-of-box experience.
- All-in-one integrated solution: pre-installed software on hardware that's ready to go.



EDGE-READY

- Fanless, rugged hardware that's designed for everything the edge throws at it: dust, noise, heat, and lack of space.
- HCI software with low system requirements: needing just 2GB of RAM, a 32GB boot disk, and 1GbE networking.



RIGHT-SIZED

- Adapt to the precise needs of demanding environments: configure the solution as required.
- No shelfware, no overprovisioning. Deploy a solution that's built specifically for the edge, without forcing you into buying things you don't need.

SNUC extremeEDGE SERVERS

SNUC delivers compact, rugged, and intelligent hardware that brings compute power closer to your data, your users, and your business impact. The fanless, rugged, AI-ready extremeEDGE Servers are designed to thrive in the world's most demanding environments, delivering real-time compute at the source.

The extremeEDGE product line is designed to perform where it matters most: on the ground, in real time, and at the edge of your enterprise. As part of the OEM agreement between StorMagic and SNUC, a series of pre-configured solutions to suit the varied use cases at the edge are available. The specifications of each solution are detailed below.

StorMagic SvHCI

StorMagic SvHCI is a hyperconverged infrastructure (HCI) solution that incorporates hypervisor, software-defined storage, and virtualized networking into a single software stack. With SvHCI, your organization can virtualize your entire infrastructure without the significant financial commitment required by other solutions on the market.

Furthermore, SvHCI's low system requirements and architecture that is purpose-built for the edge allow it to be deployed with ease into remote, demanding, poorly connected locations. It provides the virtualization and high availability necessary to keep mission-critical applications and data online, without the baggage of a bloated software stack full of features you don't need.

Solution Size	Small		Medium		Large	
extremeEDGE Server model	SNUC EE-2000	SNUC EE-2000	SNUC EE-3000	SNUC EE-2000	SNUC EE-3000	SNUC EE-3000
Product image						
Software license	StorMagic SvHCI 2TB	StorMagic SvHCI 2TB	StorMagic SvHCI 6TB	StorMagic SvHCI 6TB	StorMagic SvHCI 6TB	StorMagic SvHCI 6TB
Product SKU	909-0120-035	909-0120-036	909-0128-030	909-0120-037	909-0128-031	909-0128-031
Processor	AMD Ryzen v3C18I 8C/16T @ 1.9GHz	AMD Ryzen v3C18I 8C/16T @ 1.9GHz	AMD Ryzen v3C18I 8C/16T @ 1.9GHz	AMD Ryzen v3C18I 8C/16T @ 1.9GHz	AMD Ryzen v3C18I 8C/16T @ 1.9GHz	AMD Ryzen v3C18I 8C/16T @ 1.9GHz
Memory	32GB DDR5 RAM	64GB DDR5 RAM	96GB DDR5 RAM	96GB DDR5 RAM	128GB DDR5 RAM	128GB DDR5 RAM
Storage	1x 2TB PCIe Gen 4 2280 M.2 SSD	2x 2TB PCIe Gen 4 2280 M.2 SSD	2x 2TB PCIe Gen 4 2280 M.2 SSD	1x 4TB PCIe Gen 4 2280 M.2 SSD 1x 1TB PCIe Gen 4 2280 M.2 SSD	2x 4TB PCIe Gen 4 2280 M.2 SSD	2x 4TB PCIe Gen 4 2280 M.2 SSD
Networking	2x DP 10G SFP copper module	2x DP 10G SFP copper module	2x 2.5GbE, 2x 10G SFP+ copper module	2x DP 10G SFP copper module	2x 2.5GbE, 2x 10G SFP+ copper module	2x 2.5GbE, 2x 10G SFP+ copper module
Software RAID	None	Software RAID1	Software RAID1	None	Software RAID1	Software RAID1
Temp. control	25W heatsink	25W heatsink	30W heatsink	25W heatsink	30W heatsink	30W heatsink

DEMAND MORE FOR YOUR DEMANDING ENVIRONMENTS

There's no need for compromise anymore when it comes to deploying IT at difficult locations. The complications thrown up by environments that are full of noise, dust, heat and limited space deserve to be addressed properly. To do so requires the use of a solution that has been designed to thrive within these circumstances and tackle the challenges they pose head-on. That solution is an integrated HCI appliance from SNUC and StorMagic.

MORE INFORMATION

<https://stormagic.com/svhci>

<https://stormagic.com/svhci/stormagic-and-snuc>

<https://snuc.com/stormagic>



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