

## Two Servers, One Rack Unit.

How SNUC powers virtualization on NCR Voyix Edge.



### Industries: Retail, convenience & QSR.

**Challenge:** A national retail operator standardizing on NCR Voyix Edge needed to run multiple isolated workloads, point-of-sale, inventory, and back-office applications, at every store, inside cramped back-of-house space, with little or no on-site IT to support it.

**Results:** By certifying SNUC's EE-3200 extremeEDGE Servers™ for NCR Voyix Edge for VMs, the account team delivered two clustered servers in a single rack unit, doubling compute density per store while consolidating workloads onto one managed solution. NANO-BMC remote management removed the need for on-site intervention, and a two-week delivery window kept the rollout on schedule across locations. [www.ncrvoyix.com/retail/edge](http://www.ncrvoyix.com/retail/edge)



### About NCR Voyix

NCR Voyix is a global leader in retail and restaurant technology, powering operations for major brands across fuel, convenience, retail, and QSR.

Its NCR Voyix Edge platform runs in-store applications locally, reducing cloud reliance and ensuring continuous operations even without guaranteed connectivity.



### SNUC Partnership

SNUC builds the edge hardware for NCR Voyix Edge. Our EE-3200 extremeEDGE Servers™ are custom-configured and certified for Voyix Edge for VMs.

This partnership provides NCR teams with a compact, scalable, and quickly available compute foundation backed by direct support.



### The Challenge

Retail and QSR operators run more workloads in-store than ever, point-of-sale, inventory, loss prevention, digital signage, and increasingly AI-driven analytics.

Running each on its own box is expensive, space-hungry, and hard to manage across hundreds or thousands of sites.

### Key challenges include:



#### Space constraints

Traditional rackmount servers eat up limited backroom space.



#### Workload sprawl

Dedicated devices for application isolation multiply costs and complexity.



#### No on-site IT

Lacking technical staff makes physical maintenance slow and expensive.



#### Scale and speed

Multi-site rollouts require predictable hardware availability, not long lead times.



#### Uptime is revenue

Hardware downtime stops sales, making extreme reliability critical.

**Built to Spec. Built to Last.  
Built for the Edge.**

The future isn't in the cloud – it's right at the Edge. Deploy smarter, faster, and closer to where data happens.

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## The Solution.

NCR account teams standardized on the SNUC EE-3200 series, two extremeEDGE Servers™ clustered inside a single 1U rack enclosure, certified for NCR Voyix Edge for VMs.



### The EE-3200 solution delivers:



#### Double the density.

Two servers in 1U doubles compute per rack unit compared to traditional rackmount servers, fitting where space is tight: network closets, retail back rooms, and signage hubs.



#### Workload isolation on one device.

Edge for VMs lets a single system run separate, isolated environments for point-of-sale, inventory, and other applications, so consolidation does not mean compromise.

#### NANO-BMC

#### Remote management with NANO-BMC.

SNUC's NANO-BMC provides out-of-band management of every system, so teams can monitor, reboot, and recover devices remotely. No truck roll required.



#### Configurable to the workload.

Twelve configurations, up to 128GB of DDR5 memory and up to 4TB of storage across three M.2 slots, sized to the VM load each store needs.



#### Built to run hard.

A fanless, finned chassis with a bespoke dual cooling system keeps performance steady in real-world store conditions.



#### Low deployment risk.

Voyix TPP certification, a two-week delivery window for large orders, and a three-year Advanced Replacement Warranty keep rollouts predictable and supported.

### Use case.

A retailer standardizing on NCR Voyix Edge deploys a single EE-3200 1U enclosure per store. Inside it, two clustered SNUC systems run isolated VMs: one set handling point-of-sale, another handling inventory and back-office workloads. If one node needs attention, NANO-BMC lets the central IT team diagnose and recover it remotely, without dispatching anyone to the site.

The result is a self-contained store compute node that fits in existing space, runs multiple critical workloads side by side, and is managed entirely from headquarters.

### Key outcomes.



#### 2x compute density

Two servers in 1U, halving the rack footprint per store.



#### Consolidated, isolated workloads

Multiple applications on one certified system, without separate hardware for each.

#### NANO-BMC

#### Zero-touch remote management

NANO-BMC removes on-site IT dependency and reduces truck rolls.



#### Predictable rollout

Certified hardware, two-week delivery, and a three-year advanced replacement warranty lower the risk of scaling across locations.

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