☰ Broadberry

CyberStore® 136NF1
36x NGSFF PCIe NVMe SSD All-Flash Storage Array

High-Density 1U, 36x Next Generation Small Form Factor Server - Great for Scale-out, Scale-up, Database, Real-time analytics, Deep Learning, Content Distribution Network, etc.

- 1U 36 Bay storage server supports 36 Next Generation Small Form Factor (NGSFF) PCIe NVMe SSD drives to provide a high density, all NVMe Flash storage array

- Supports two Intel® Xeon® Scalable Processors family

- With Intel® C620 Series Chipset to provide 5+ years product life cycle

- Flexible IO usage with Max IO™ to support up to 2 NIC Cards and 2 OCP Mezzanine Cards v2.0

- Onboard Baseboard Management Controller for system management and IPMI control

- Front to back airflow and hot swap redundant fans to provide optimal thermal conditions

SPECIFICATIONS

Dimensions (W x D x H) (with chassis ears)	mm : 482.6 x 801.2 x 44		
	inches : 19 x 31.5 x 1.7		
Motherboard	AIC Server Board Lynx		
Processor	Processor Support	Two Intel® Xeon® Scalable Processors family	
	UPI Speeds	10.4GT/s	
	Socket Type	Socket P0 (LGA-3647 Socket)	
Chipset Support	Intel® C620 Chipset		
System Memory	• 24 DIMM slots across 12 memory channels (6 memory channels per CPU; 2DPC) - DDR4 2666 (1DPC) - DDR4 2400 (2DPC)		
Front Panel	• Power on/off • Two USB 3.0 Type A connectors		
LEDs	• Power • Drives activity • LAN activity • System alert		
Drive Bays	External	NGSFF hot swap	36
	Internal	2 x M.2 NGFF to support PCIe Gen3.0 x4 or SATA	
Backplane	1 x 36-port NGSFF PCIe SSD backplane		
Expansion Slots	PCIe 3.0	• 2 x NIC Cards • 2 x OCP Mezzanine Cards v2.0	

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BIOS Type		• Insyde UEFI BIOS • SPI (Serial Peripheral Interface) FLASH Interface
System BIOS	BIOS Features	• ACPI • PXE • WOL • AC loss recovery • IPMI 2.0 KCS interface • SMBIOS • Serial console redirection • BIOS Boot Specification • BIOS Recovery Mode • SRIOV • iSCSI • TPM • PCIe Hotplug
On-board Devices	SATA	Intel® C620 Chipset to support 10 x SATA
	IPMI	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor
	Network Controllers	Intel® Ethernet Controller I210 Giga bit MAC/PHY to support 2 x RJ45 GbE
	Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp

Powering these organisations

TOP VIEW

AC 1200W or 1600W 1+1 redundant highefficiency power supply 80+
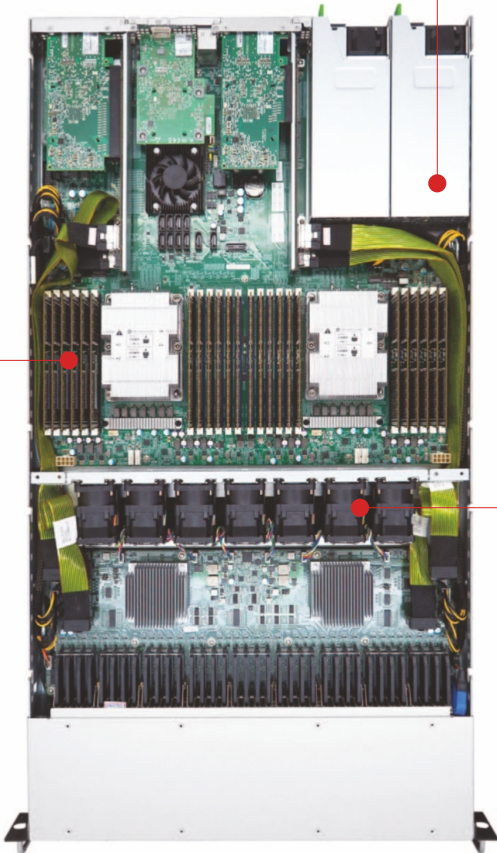
24 DIMM slots across 12 memory channels
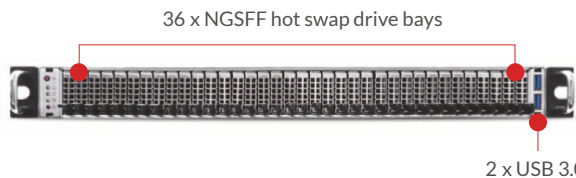
7 x 40x56mm dual rotor hot swap fan modules

REAR VIEW
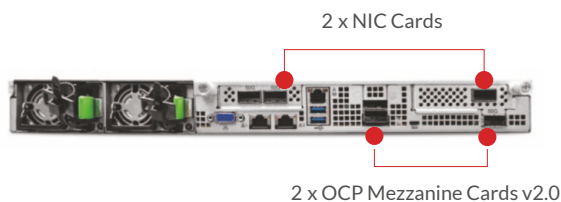
2 x NIC Cards

2 x OCP Mezzanine Cards v2.0

FRONT VIEW

36 x NGSFF hot swap drive bays

2 x USB 3.0

Rear I/O	LAN	3 x RJ45 ports (1 dedicated to BMC)
	USB	2 x USB 3.0 Type A
	VGA	1 x DB-15
	Serial Port	1 x Micro USB
Power Supply	AC 1200W or 1600W 1+1 redundant highefficiency power supply 80+	
System Cooling	7 x 40x56mm dual rotor hot swap fan modules	

System Management	• Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • SMASH Support	
Environmental Specifications	• Operating temperature : 0° 35°C • System relative humidity : 5% 95% noncondensing	
Gross Weight	(w/ PSU & Rail)	kgs : 28
		lbs : 61.7
Packaging Dimensions	(W x D x H)	mm : 615 x 1145 x 278
		inches : 24.2 x 45 x 10.9

CyberStore 136NF1®

Storage Servers
Configure From £1,078

Multi award-winning, enterprise-grade storage solutions used by the world's top organisations.

As-well as thousands of SMBs for everything from backup and replication to high-availability storage.

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Year-after-year voted the best servers available by the most influential IT brand in the UK.

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Our CyberStation range boasts everything from silent workstations to GPU supercomputers.

Trusted by the Worlds Biggest Brands

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