

# Gaya 1U 4HDD

## 3.5" Helium Storage Platform



The 2CRSI Gaya 1U 4HDD is a server that allows to benefit from a massive 40TB of storage, all in a compact chassis of 1U of height

Thanks to helium technology, enjoy hard disks with a capacity of 10TB, allowing you to store large data. Gaya 1U 4HDD is equipped with 4-HDD bays which provide great storage capacity, and Hot-Swap HDD tray design lowers downtime in system maintenance.

This 2CRSI's solution is ideal for file sharing, backup and file synchronization, as well as remote access and more, it offers an optimal price / performance ratio for NAS, CCTV, Mail servers and several other professional applications.

Equipped with HGST® UltraStar He10 disks, they uses PMR technology and is the industry's first 10TB drive that is drop-in ready for any enterprise-capacity application or environment. Based on field proven, third-generation HelioSeal® technology. Targeted at 2.5M hours MTBF, the He10 provides the highest reliability rating available of all HDDs on the market today by building on the successful design of its 8TB and 6TB predecessors.

2CRSI offers tailor-made servers and storage solutions for many types of industries. Our experience & skills in high-performance solutions are the best way to enhance your business with significant cost-effectiveness.

### KEY BENEFITS

#### ULTRA DENSE P LATFORM

2CRSI Gaya 1U 4HDD centralize 40TB in 1U form factor, thanks to its 4 HDD bays in front.

#### POWERED BY HGST® ULTRASTAR He10 HDD 10TB

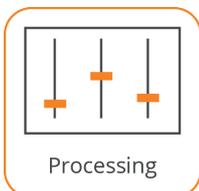
HGST® Ultrastar He10 drives are a part of the only ones of the market to offer a storage capacity of 10TB by disk in a standard 3.5-inch form factor. They are also part of the most reliable and performing HDDs with 2.5 millions hours Mean Time Between Failures (MTBF) rating and 44% less power than 8TB air drives.

#### EASY TO DEPLOY, INTEGRATE, SERVICE AND MANAGE

Thanks to its hotswap disks and facade accesses, Gaya 1U 4HDD allows to easily manipulate the server. It is simple to install and integrate thanks to its compact size. Its maintenance is also facilitated by direct access to the disks.



## APPLICATIONS



Processing



NAS



Storage



SATA  
Technology

## PRODUCT VIEW



## HARDWARE SPECIFICATIONS

<b>Form Factor</b>	1U Rack Mount Chassis
<b>Dimension</b>	16.93" x 27.95" x 1.72"
<b>Processor</b>	Intel® Xeon® E3-12000 v5 Family
<b>Motherboard</b>	Intel® S12000SPO
<b>Memory</b>	4x DDR4 ECC Registered
<b>Storage</b>	4x 3,5" HGST® UltraStar He10
<b>Power Supply</b>	450W Redundant Power Supply
<b>Network</b>	<ul style="list-style-type: none"> <li>• 2x 1Gb/s ports</li> <li>• 1x IPMI port</li> </ul>
<b>Fans</b>	40mm x 40mm x 28mm
<b>Operating Systems</b>	Windows, Linux
<b>Warranty</b>	3 years

### Option

<b>Network</b>	<ul style="list-style-type: none"> <li>• 2x 10Gb/s ports (option)</li> <li>• 2x SFP+ 10Gb/s ports (option)</li> <li>• 1x QSFP+ 40Gb/s port (option)</li> <li>• 2x QSFP+ 40Gb/s ports (option)</li> </ul>
<b>Storage</b>	1x SSD PCIe, 2To NVMe + Intel Cache Acceleration Software

## HGST® Ultrastar He10

<b>Capacity</b>	10TB
<b>Interface</b>	SATA 6Gb/s
<b>Form Factor</b>	3.5"-inch
<b>Rotational Speed</b>	7200 RPM
<b>Latency average</b>	4.16ms
<b>Interface transfert rate</b>	Up to 600MB/s
<b>MTBF</b>	2.5 millions hours
<b>Annualized Failure Rate</b>	0.35%
<b>Warranty</b>	5 years

\* One MB is equal to one million bytes, one GB is equal to one billion bytes, one TB equals 1,000GB (one trillion bytes) and one PB equals 1,000TB when referring to storage capacity. Usable capacity will vary from the raw capacity due to object storage methodologies and other factors.

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