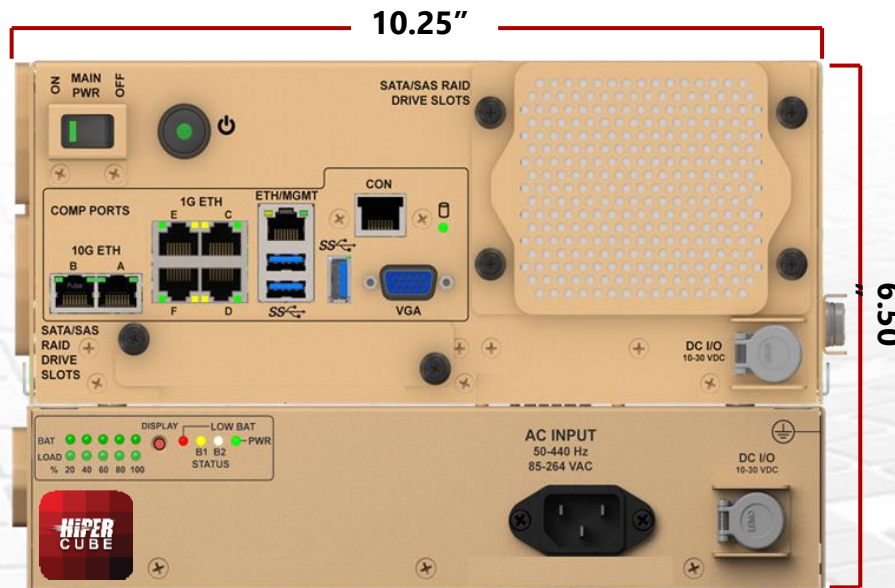


PIXIA HiPER CUBE™-80TB Overview

Overview

- HiPER CUBE™ is a hardware and software appliance with the following key features:
 - Low Size, Weight, and Power (SWAP) requirements
 - Ruggedized Hardware
 - PORs and ATOs with USA, SOCOM, USAF and USMC
 - Products designed, manufactured and assembled in the US
 - High reliability, Reboot, and Recovery
 - Rapid Data Access
 - Includes integrated HiPER SYNC™ software for enabling seamless cross-platform interoperability with cloud services (AWS, Azure, etc.)

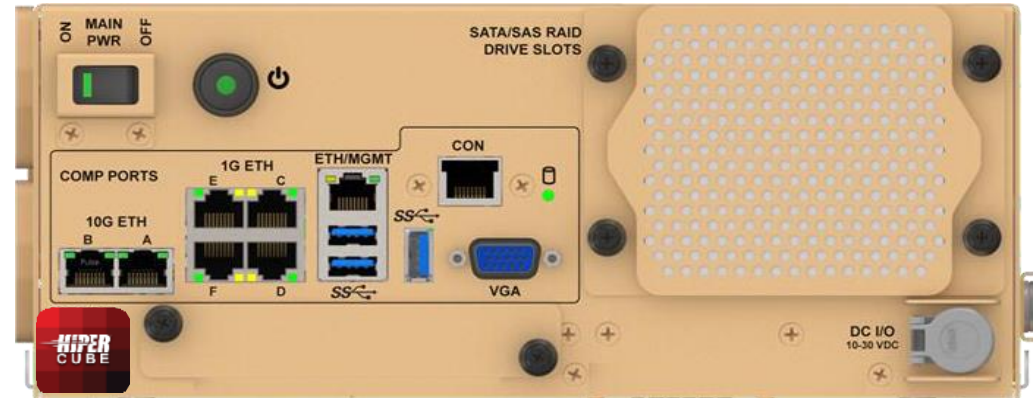


HiPER CUBE



HiPER CUBEs scaled for higher echelon Ops

HiPER CUBE™ Specifications: Server



Interfaces	
(2) 10 Gb Ethernet ports	
(4) 1 Gb Ethernet ports	
(1) Gb Ethernet Management Port	
(1) RJ45 Console Port	
(3) USB 3.0 Ports	
(1) VGA port	
10–30 VDC output (right side)	
10–30 VDC I/O port (exact voltage depends on external factors)	

Physical Specifications	
Size	4.25"H x 10.25"W x 6.75"D
Weight	7.3 lbs
MTBF	Exceeds 65,700 h
Operating temperature	0°C to 60°C
Storage temperature	-40°C to +70°C

Internal Components	
Intel Xeon D 16 cores/32 vCPU	
128 GB DDR4 error correcting memory	
Battery-backed RAID card	
10 SATA/SAS SSD bays	
100% VMware Hardware Compatibility List (HCL) compatible	
Baseboard Management Controller (BMC) that supports IPMI	

Power Specifications	
Power input	10–30 VDC
Power consumption	68.5 W minimum/125 W maximum

Certifications	
Trade Act Agreement compliant	
Designed to Meet:	CE MIL-STD-810G MIL-STD-461F RoHS

HiPER CUBE™-80TB Specifications: Battery Backup



Interfaces	
DC I/O port	
AC power port	
Battery status button	
System, battery charge status, and system load LED's	
#10/32 grounding lug insert	

Physical Specifications	
Size	2.25"H x 10.25"W x 6.75"D
Weight	5.9 lb
MTBF	Exceeds 47,700 hours
Operating temperature	0°C to 60°C
Storage temperature	-40°C to +70°C

Internal Components	
Two Lithium 98 W·H batteries	
Lithium ion charger	
DC/DC converter	
AC/DC converter	
Control Logic Interface card	

Certifications	
Trade Act Agreement compliance	
Designed to Meet:	MIL-STD-810G MIL-STD-461F RoHS

Power Specifications	
Power input - AC	100–240V AC
Power input - DC	10–30V DC
Power consumption	9.4 W minimum/ 26 W maximum
Battery capacity	196 W·h
System power - AC	175 W maximum
System power - battery	130 W maximum
Pass-through power output	
AC source	+24 VDC @ 4 amps maximum
DC source	+10–30 VDC source matches 10–30 VDC output (maximum current depends on the source)
M3-DPS7 source	+24 VDC @ 6.67 amps
Battery source	+~14.4 VDC @ 6.8 amps maximum

PIXIA's HiPER SYNC™

HiPER SYNC comes standard on the HiPER CUBE system and provides a capability to access multiple storage devices/protocols under a single web-based interface with user access controls. HiPER SYNC can present block storage, network attached storage, and Cloud storage from Amazon, Azure and other Cloud providers or Third Party vendors in a single user interface, allowing users to seamlessly download, upload and delete content.

HiPER SYNC Includes:

- The ability to present block storage or a network attached storage as an S3 endpoint
- Federation with other HiPER SYNC instances
- Simple web-based access to local file systems, Network Attached Storage (NAS) or Cloud storage
- Upload, download and delete functionality with appropriate permissions.
- Ability to grant users 'read-only' or 'read-write' permissions to a subset of folders

The screenshot displays the HiPER SYNC Data View web interface. The interface is divided into several sections:

- Storage Locations:** Shows a tree view of storage locations, including a folder named 'test2' under an S3 endpoint.
- Object List:** A table listing 17 items in the 'test2' folder. The table has columns for Name, Ext, Size, and Modified.
- Object Info:** A detailed view of a selected file, showing its attributes and metadata.

Name	Ext	Size	Modified
HiPER LOOK Desktop Admi...	PDF	2.14 MB	08-27-202...
HiPER LOOK Desktop Admi...	PDF	7.81 MB	08-27-202...
HiPER LOOK Developer Too...	PDF	2.82 MB	08-27-202...
HiPER LOOK Server Enterpr...	EXE	212.84 MB	09-02-202...
HiPER LOOK Server Enterpr...	PDF	6.88 MB	08-27-202...
HiPER LOOK Server Usage ...	PDF	6.93 MB	08-27-202...
HiPER LOOK Web Applicati...	PDF	8.83 MB	08-27-202...
HiPERLOOK 1.4.20.X Relea...	PDF	244.14 KB	08-27-202...
logo-hiper-sync-black eps	EPS	397.35 KB	09-15-202...
logo-hiper-sync-black.jpg	JPG	30.03 KB	09-15-202...
logo-hiper-sync-black.pdf	PDF	53.19 KB	09-15-202...
logo-hiper-sync-black.png	PNG	8.62 KB	09-15-202...
logo-hiper-sync-red.ai	AI	57.22 KB	09-15-202...
logo-hiper-sync-red.eps	EPS	401.68 KB	09-15-202...
logo-hiper-sync-red.jpg	JPG	52.2 KB	09-15-202...
logo-hiper-sync-red.pdf	PDF	56.89 KB	09-15-202...
logo-hiper-sync-red.png	PNG	8.63 KB	09-15-202...

The Object Info panel for the selected file shows the following attributes:

- File:** /HiperSyncDataView.tif
- Size:** 191.16 GB
- Last Modified:** 12-10-2017 14:58:18
- SRB:** EPSG:4326
- Envelope (WGS84):** (42.312503367313, 36.108)
- Producer:** Vitcon, Mosel, DSM, 50cm db
- Format:** Vitcon, Mosel, DSM, 50cm db
- Related File:** Vitcon, Mosel, DSM, 50cm db
- Related File:** Vitcon, Mosel, DSM, 50cm db
- Related File:** Vitcon, Mosel, DSM, 50cm db
- Raster:** 1
- Width:** 241555
- Height:** 150105
- Tile Width:** 1024
- Tile Height:** 1024
- Horizontal Tiles:** 236
- Vertical Tiles:** 157
- Pixel Layout:** 32bitGray
- Band Layout:** packed
- Compression:** JP2
- Compression Ratio:** 0.989924390344
- No Data Value:** -3.4028234663852886e+38
- Bytes per pixel:** 4
- Band 1:** (Type: Gray Data Type: Flo

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Speed. Interoperability. Proven Technology.