

Data Sheet

Fujitsu Storage ETERNUS HX2200 Hybrid Storage System

ETERNUS HX

FUJITSU Storage ETERNUS HX series is a collection of unified and massively scale-out hybrid storage systems, designed to enable your digital transformation by offering superior flexibility, continuous availability and seamless cloud-connected data management in Hybrid IT environments. ETERNUS HX series storage systems accelerate your applications while seamlessly managing your data on the edge, core and the cloud to keep your data available, protected and secure.

Fujitsu Storage ETERNUS HX2200 unified hybrid storage is optimized for small to medium-sized enterprises and distribute sites of larger organizations that require simple deployment and operations. In a small 2U footprint it can massively scale up to over 2PB and scale-out to 24PB. ETERNUS HX storage systems are optimized for easy deployment and operations and offer unified storage across block and file

ETERNUS HX2200

Fujitsu Storage ETERNUS HX2200 unified hybrid storage is optimized for small to medium-sized enterprises and distributed sites of larger organizations that require simple deployment and operations. In a small 2U footprint it can massively scale up to over 2PB and scale-out to 24PB. ETERNUS HX storage systems are optimized offer unified storage across block and file workloads. They have the versatility to keep up with ever-changing business needs while delivering superior performance and scalability for diverse workloads. ETERNUS HX Hybrid storage systems offer excellent flexibility to handle future growth and cloud integration, while also improving the storage efficiency and reliability of IT operations by delivering integrated data protection and security to safeguard your data.



Page 1 / 6 www.fujitsu.com/eternus

Features & Benefits

Main Features	Benefits
Flexible and future-proof storage	
	Achieve flexible combination of flash and disk media for diverse workloads, easy management of file and block data on a single system, scale capacity and performance non-disruptively and also seamlessly cluster different ETERNUS AX and ETERNUS HX systems.
Seamless cloud-connected data management	
	 Consolidate data management across on-premise storage and cloud in Hybrid IT Infrastructures, along with effortless integration with multiple public clouds – AWS, Microsoft Azure and Google Cloud.
Accelerate business applications	
	 Speed up your critical applications with NVMe cache and increase data throughput for business-critical applications
Continuous availability without compromise	
Maximize storage efficiency	 Best-in-class integrated and application-consistent data protection software to prevent data loss and accelerate recovery with space- efficient snapshots, synchronous and asynchronous replication.
,	Innovative data reduction technologies help minimize storage
	footprint with proven efficiency technologies such as inline deduplication, compression, compaction, and thin provisioning. Efficiently meet SLAs in hybrid IT environments with secure multitenancy and adaptive quality of service (QoS). Simplify and speed up day-to-day storage management with ONTAP System Manager and optimize your storage infrastructure with predictive analytics using Active IQ.

Page 2 / 6 www.fujitsu.com/eternus

Technical details

General system information				
	Base			
No. of controllers	NAS:2-24 (HA Pair x12)			
	SAN:2-12 (HA Pair x6)			
No. of host interfaces	8 Port [FC (8, 16Gbit/s)]			
	8 Port [FCoE (10Gbit/s)]			
	8 Port [iSCSI (1, 10Gbit/s)]			
	8 Port [iSCSI (10GBase-T)]			
	8 Port [Ether (1, 10Gbit/s)]			
	8 Port [Ether (1, 10GBase-T)]			
Maximum System Memory (HA pair)	64 GB			
Flash Cache	2TB/HA Pair			
Max. Disk Drives NAS (HA pairx12)	1,728			
Max. Disk Drives SAN (HA pairx6)	864			
Max. Disk Drives (HA pair)	144			
Max. no. of LUNs (HA Pair)	16,384			
Max. no. of LUNs (SAN)	98,304			
Max. no. of RAID groups per system (HA Pair)	48			
Max. no. of RAID groups per system (SAN)	288			
Max. no. of RAID groups per system	576			
(NAS)				
Supported RAID levels	4, 6, TEC			
Host Interfaces	FC (8, 16Gbit/s)	. (8, 16Gbit/s)		
	FCoE (10Gbit/s)			
	iSCSI (1, 10Gbit/s, 10GBASE-T)			
	Ethernet (1, 10Gbit/s, 1, 10GBASE-T)			
Mixed host interfaces	Yes			
Max. no. of hosts	2048			
Maximum Storage Capacity (HA Pair)	2,040 TB			
Maximum Storage Capacity(NAS)	24.5 PB			
Maximum Storage Capacity (SAN)	12.2 PB			
Drive Type	2.5-inch, SAS, 10krpm (1.8TB / 1.2TB)			
	2.5-inch, SAS (FIPS), 10krpm (1.8TB)			
	2.5-inch, SSD (7.6TB / 3.8TB / 960GB) 2.5-inch, SSD (FIPS) (3.8TB)			
	3.5-inch, Nearline SAS, 7.2krpm (16TB / 10TB / 4TB)			
	3.5-inch, Nearline SAS (FIPS), 7.2krpm (10TB)			
	3.5-inch, SSD (3.8TB / 960GB)			
	HDDE, Nearline SAS, 7.2krpm (16TB / 10TB / 4TB)			
	HDDE, Nearline SAS (FIPS), 7.2krpm (10TB)			
Mixed 2.5 inch/ 3.5 inch drive enclosures	Yes			
Drive interface	12G SAS(MiniSAS HD)			
Back-end disk connectivity	4/HA pair			
Max. no. of LUNs per RAID group	16,384			
Max. LUN capacity	16TB			
Max. no. of copy generations	1,023			
Deduplication	Yes			
Compression	Yes			
Compaction	Yes			

Page 3 / 6 www.fujitsu.com/eternus

and performance-critical applications, however high availability (e.g., 99.9999%) and falisafe performa standalone product feature. If and to the extent the product is to be used in such business-critical envising is within the sole responsibility of the user to set up the specific additional technical features (e.g., Stor redundancies, and operational conditions as required to ensure such high availability or falisafe performance and operational conditions as required to ensure such high availability or falisafe performance and operational conditions as required to ensure such high availability or falisafe performance and operational conditions as required to ensure such high availability or falisafe performance and operational conditions are required to ensure such high availability or falisafe performance and operational conditions are required to ensure such high availability or falisafe performance standance is within the responsibility of the respo	Performance management						
Metro cluster Remote Copy functionality Note The product may in connection with and depending on the specific configuration include elements to and performance-critical applications, however high availability (e.g., 99.999%)) and faliastap performance stricts along the product trature. If and to the settent the product is to be used in such business-critical envisors within the sole responsibility of the user to set up the specific additional technical features (e.g., Store redundancies, and operational conditions as required to ensure such high availability or faliaste performed to the product that the product is to be used in such business-critical envisors and operational conditions as required to ensure such high availability or faliaste performed to the sure of the product forms of the product from the sure such high availability or faliaste performed to the sure of the product of the sure of the product from time. No limit), Data E (Software Encryption, Storage Encryption, Self encryption disk), Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk), Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk), Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk), Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk, Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk, Disk Partol, Data Block Guard, HC (Software Encryption, Storage Encryption, Self encryption disk, Disk Partol, Data Block Guard, HC (Software Encryption, Self	· · ·						
Metro cluster Remote Copy functionality Synchronous and a synchronous The product may in connection with and depending on the specific configuration include elements to and performance-critical applications, however high availability (e.g., 99.999%) and failsafe performs standalone product feature if and to the vester the product is to be used in such busics-critical envis is within the sole responsibility of the user to set up the specific additional technical features (e.g., Stor redundancies, and operational conditions as required to ensure such high availability or failsafe perform and the state of the product of the surface of the product provide a baseline for product security and therefore end-customer IT is However, these properties are not sufficient on their own to product security and therefore end-customer IT is However, these properties are not sufficient on their own to product security and therefore end-customer IT is However, these properties are not sufficient on their own to grotect the product from all existing three intrusion attempts, data exilitration and other forms of cyberatacks. To customize security settings the intrusion attempts, data exilitration and other forms of cyberatacks. To customize security settings the intrusion attempts, data exilitration and other forms of cyberatacks. To customize security settings the intrusion attempts, data exilitration and other forms of cyberatacks. To customize security settings the expension of the product operation of the septective administrator/end-user of the product. Please note, that if manufactured does not make any policy prescriptions or advocacy statements regarding IT security be and/or general product operation. Availability management Non-disruptive firmware upgrade Yes Reporting function Yes Reporting function Yes Reporting function Yes Romanifectured of the product provi	Operation Management Client	Goo	gle Chrome 65.0, Microsoft Ir	nternet Explorer 11.0, Mozilla	Firefox 59.0		
Remote Copy functionality Note The product may in connection with and depending on the specific configuration include elements to and performance-critical applications, however hip, availability (e.g., 99,9999%) and fallsafe performs standalone product feature. If and to the extent the product is to be used in such business-critical envi is within the sole responsibility of the user to set up the specific additional technical residency is within the sole responsibility of the user to set up the specific additional technical residency is within the sole responsibility of the user to set up the specific additional technical residency is within the sole responsibility of the user to set up the specific additional technical residency or redundancies, and operational conditions as required to ensure such high availability or failsafe perform deformation as the product of the configuration of the product provide a baseline for product security and therefore end-customer IT set However, these properties are not sufficient on their own to protect the product from all existing three intrusions attempts, data exilitation and other forms of cyberatactiss. To customize sends that is within the responsibility of the respective deministrator/end-user of the product, the responsibility of the respective deministrator/end-user of the product provide is within the responsibility of the respective deministrator/end-user of the product provide and of the respective deministrator of the product provide is within the responsibility of the respective deministrator of the product provide is within the responsibility of the respective deministrator of the product provide and of repeated and of repeated and of repeated and of the respective deministrator of the product provide and of the respective deministrator of the product provide and of the responsibil	Continuity management						
The product may in connection with and depending on the specific configuration include elements to and performance-critical applications, however high availability (e.g., 9999999)) and falisate performance and performance with and depending on the specific additional technical features (e.g., Storm redundancies, and operational conditions as required to ensure such high availability or falisate performance within the solic responsibility of the user to set up the specific additional technical features (e.g., Storm redundancies, and operational conditions as required to ensure such high availability or falisate performance within the solic responsibility of the user to set up the specific additional technical features (e.g., Storm redundancies, and operational conditions as required to ensure such high availability or falisate performance within the solic responsibility of the respective product. Please not the However, these properties are not sufficient on their own to protect the product from all existing three intrusions attempts, data exitingtion and other forms of cyberatactiss. To customize forms it is within the responsibility of the respective administrator/end user of the product. Please note, that F manufacturer does not make any policy prescriptions or advacacy statements regarding IT security be and/or general product operation. Availability management Non-disruptive firmware upgrade Yes However the placement Capacity management Yes Wanagement Thin Provisioning Yes Wanagement Gogle Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 99.0 Mozilla	Metro cluster			Yes			
and performance-critical applications, however high availability (e.g., 99.99999)) and faliafe performa standalone product feature. If and to the extent the product to the user to set be used in submisses-critical envises critical envises critical envises and operational conditions as required to ensure such high availability or falisafe performance with the sole responsibility of the user to set up the specific additional technical features (e.g., Stor redundancies, and operational conditions as required to ensure such high availability or falisafe performance and the specific and the specific additional technical features (e.g., Stor redundancies, and operational conditions as required to ensure such high availability or falisafe performance and the specific additional technical features (e.g., Stor redundancies, and operational conditions as required to ensure such high availability or falisafe performance and the specific product security and the specific performance (Software Encryption, Storage Encryption, Self encryption disk), Disk Parto, Data Block Guard, HC CheckSum: BCS/AZCS, Pool Diagnosis (CLI Only) Note The properties of the product provide a baseline for product security and therefore end-customer IT set However, these properties are not sufficient on their own to protect the product from all existing three intrusion attempts, data extilitation and other forms of cyberatacks. To customize security settings, plot the configuration options as available for the respective product. Please note, that Financial product provide a season of cyberatacks. To customize security settings, plot the configuration options as available for the respective product. Please note, that Financial product provide a season of cyberatacks. To customize security settings, plot the configuration options as available for the respective product. Please note, that Financial product operations and product provide a season of cyberatacks. To customize security settings, plot the configuration options as available for the resp	Remote Copy functionality		•				
Data confidentiality	Note	The product may in connection with and depending on the specific configuration include elements to support time and performance-critical applications, however high availability (e.g., 99.9999%) and failsafe performance is not a standalone product feature. If and to the extent the product is to be used in such business-critical environments, it is within the sole responsibility of the user to set up the specific additional technical features (e.g., Storage Cluster), redundancies, and operational conditions as required to ensure such high availability or failsafe performance.					
Data integrity Rebuild, Cache Protection (Backup method, Backup data, Backup retention time: No limit), Data E (Software Encryption, Storage Encryption, Self encryption disk), Disk Patrol, Data Block Guard, HC CheckSum: BCS/ACES, Pool Diagnosis (CLI Only) Note The properties of the product provide a baseline for product security and therefore end-customer IT se However, these properties are not sufficient on their own to protect the product from all existing three intrusion attempts, data exdititation and other forms of cyberattacks. To customize security settings, pit the configuration options as available for the respective product. During operation, the IT security of is within the responsibility of the respective administrator/end-user of the product. Please note, that F manufacturer does not make any policy prescriptions or advocacy statements regarding IT security be and/or general product operation. Availability management Non-disruptive firmware upgrade Yes Capacity management Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Management Interfaces 1 Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration OnTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management Software Operation Management Client Microsoft Internet Explorer 11.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 190" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: DS212C: 338W - DS214C: 338W - DD224C: 396W HD-Drive Shelf:	Information security management						
(Software Encryption, Storage Encryption, Self encryption disk), Disk Patrol, Data Block Guard, HD CheckSum: BCS/AZCS, Pool Diagnosis (CLI Only) Note The properties of the product provide a baseline for product security and therefore end-customer IT set However, these properties are not sufficient on their own to protect the product from all existing three intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, pit the configuration options as available for the respective product. During operation, the IT security of is within the responsibility of the respective administrator/end-user of the product. Please note, that F manufacturer does not make any policy prescriptions or advocacy statements regarding IT security be and/or general product operation. Availability management Non-disruptive firmware upgrade Yes Capacity management Thin Provisioning Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Management Interfaces IGb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management Software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Data confidentiality		HTTPS (SSL), SSH, iSC	SI (CHAP, Bidirectional CHAP)			
However, these properties are not sufficient on their own to protect the product from all existing three intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, pl the configuration options as available for the respective product. During operation, the IT security of is within the responsibility of the respective administrator/end-user of the product. Please note, that F manufacturer does not make any policy prescriptions or advocacy statements regarding IT security be and/or general product operation. **Availability management** Non-disruptive firmware upgrade** Non-disruptive firmware upgrade** Note and the part replacement Yes **Capacity management** Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes **Management** Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter **Supported OS for Management Software** Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 398W HD-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Data integrity		Rebuild, Cache Protection (Backup method, Backup data, Backup retention time: No limit), Data Encryption (Software Encryption, Storage Encryption, Self encryption disk), Disk Patrol, Data Block Guard, HDD Shield, CheckSum: BCS/AZCS, Pool Diagnosis (CLI Only)				
Non-disruptive firmware upgrade Hot part replacement Yes Capacity management Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Non-disruptive firmware upgrade Yes Management Interfaces Idb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS21/c: 3396W HD-Drive Shelf:	Note	However, these properties intrusion attempts, data en the configuration options is within the responsibility manufacturer does not m	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.				
Hot part replacement Capacity management Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozella Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - D5224C: 396W HD-Drive Shelf:	Availability management						
Capacity management Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf:	Non-disruptive firmware upgrade			Yes			
Thin Provisioning Yes Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: -DS212C: 338W -DS224C: 336W HD-Drive Shelf:	Hot part replacement			Yes			
Reporting function Yes (capacity, health, performance, and protection relationships) Hot part expansion Yes Non-disruptive firmware upgrade Yes Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency So / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: -DS212C: 338W -DS224C: 336W HD-Drive Shelf:	Capacity management						
Hot part expansion Non-disruptive firmware upgrade Yes Management Interfaces IGb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Thin Provisioning	Yes					
Non-disruptive firmware upgrade Yes Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Reporting function	Yes (capacity, health, performance, and protection relationships)					
Management Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Hot part expansion	Yes					
Interfaces 1Gb Ethernet Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Non-disruptive firmware upgrade	Yes					
Supported protocols SNMP v1/v2c/v3, REST, SMI-S Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Management						
Administration ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Interfaces	1Gb Ethernet					
Manager, SnapCenter Supported OS for Management software Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Supported protocols	SNMP v1/v2c/v3, REST, SN	SNMP v1/v2c/v3, REST, SMI-S				
Operation Management Client Google Chrome 65.0 Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Administration	ONTAP System manager (GUI: Graphical user interface), CLI (Command Line Interface), REST API, Active IQ Unified Manager, SnapCenter					
Microsoft Internet Explorer 11.0 Mozilla Firefox 59.0 Installation specification 19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Supported OS for Management softwa	are					
19" rackmount Yes Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Operation Management Client	Microsoft Internet Explore	er 11.0				
Power voltage AC200-240V/AC100V-120V (DE460C Support only AC200V-240V) Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Installation specification						
Power frequency 50 / 60 Hz Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	19" rackmount	Yes					
Maximum Power Consumption AC200-240V/AC100V-120V (DE460C Support only AC200V-240V): Controller Shelf: 615W 2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Power voltage	AC200-240V/AC100V-120	V (DE460C Support only AC2	00V-240V)			
2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	Power frequency	50 / 60 Hz					
	Maximum Power Consumption	2U-Drive Shelf: - DS212C: 338W - DS224C: 396W HD-Drive Shelf:	V (DE460C Support only AC2)	00V-240V): Controller Shelf: 6	.15W		
Power phase Single	Power phase	Single					
Base 3.5 Drive Shelf 2.5 Drive Shelf HD Drive Shel		Base	3.5 Drive Shelf	2.5 Drive Shelf	HD Drive Shelf		
	Dimensions (W x D x H)	18.9 x 19 x 3.3 inch	18.9 x 19.9 x 3.4 inch	18.9 x 19.1 x 3.3 inch	486 x 922 x 176 mm 19.1 x 36.3 x 6.9 inch 4 U		

Page 4 / 6 www.fujitsu.com/eternus

Weight	27.6 kg (61 lb)	28.7 kg (63 lb)	24.4 kg (54 lb)	112 kg (247 lb)			
Note	Numbers do not include Rack Mount Kits. Rack Mount Kits increase the weight by 4 kg.						
Environment							
Maximum Heat Generation	AC200-240V/AC100\	/-120V (DE460C Support only A	AC200V-240V): 13309: kJ/h				
Temperature (operating)	5 - 40 °C						
Humidity (operating)	8 - 85 %						
Compliance							
Product safety	IEC 60950-1, IEC 62368-1, EN 62368-1, ANSI/UL 62368-1, 2nd Ed, CAN/CSA C22.2 No. 62368-1-14, CNS 14336-1, TP TC 004						
Electromagnetic Compatibility	EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, FCC Part-15 Subpart B Class A, ICES-003 Class A, VCCI Class A, JIS C 61000-3-2, CNS 13438, AS/NZS CISPR 32 class A, TP TC 020, KN32 Class A, KN35						
Electromagnetic Immunity	EN 55035						
Environmental compliance	RoHS compliant, WEEE compliant						
Compliance link	https://sp.ts.fujitsu.com/sites/certificates						
Warranty							
Warranty period	3 years						
Warranty type	Onsite warranty						
Warranty Terms & Conditions Product Support - the perfect extension	www.fujitsu.com/wa	irranty					
Service Lifecycle	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/						
Service Weblink	www.fujitsu.com/services/product-services						

Page 5 / 6 www.fujitsu.com/eternus

Fujitsu products, solutions & services

In addition to Fujitsu ETERNUS HX2200, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products www.fujitsu.com/global/products/computing/

Software www.fujitsu.com/software/

More information

Learn more about Fujitsu ETERNUS HX2200, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/eternus

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at http://www.fujitsu.com/global/about/environment



Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see https://www.fujitsu.com/global/about/resources/terms/Copyright 2023 Fujitsu Limited

Disclaimer

Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

Fujitsu Limited Website: www.fujitsu.com/eternus 2023-04-04 JP-EN

Page 6 / 6 www.fujitsu.com/eternus