

Datasheet

PRIMEFLEX for Microsoft Azure Stack Hub

PRIMEFLEX for Microsoft Azure Stack Hub is an Integrated System that brings the agility and fast paced innovation of cloud computing to on-premises environments

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An integrated system that brings the agility and fast-paced innovation of cloud computing to on-premises environments. It leverages high performance, energy-efficient FUJITSU PRIMERGY standard x86 servers, Fujitsu's Software Infrastructure Manager (ISM) with the Azure Stack Hub software and offers a consistent, integrated support experience that covers the full system lifecycle.

Need for speed

PRIMEFLEX for Microsoft Azure Stack Hub addresses latency and connectivity requirements by processing data locally in Azure Stack Hub and then aggregating it in Azure for further analytics, with common application logic across both.

Meet regulatory or policy requirements

Can develop and deploy applications in cloud, with full flexibility to deploy on-premises to meet regulatory or policy requirements, with no additional code changes. Illustrative application examples include global audit, financial reporting, foreign exchange trading, online gaming, and expense reporting.

Get fast time to value

Mitigate risk with turnkey factory integrated delivery with on-site installation including unpacking, system startup and Azure Stack Hub integration. The customers will get a ready-to-run solution at their site.

Buying monetary commitments from Fujitsu

Reliable management of existing Enterprise Agreements, Software Assurance for OEM licenses. License consulting across business models – Leverage existing plans for new requirements, optimize to suit every individual requirement.

Enjoy high application performance

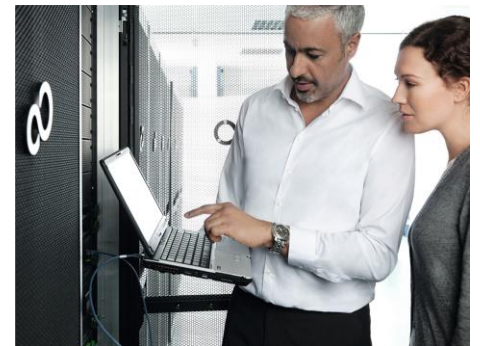
Get maximum performance with Fujitsu standard x86-servers delivering the most powerful virtualization platform leading in the virtualization benchmark categories.

Grow as you go

Scale your environment starting from 4 nodes to 16 nodes with identical configurations. To scale out, simply add more system nodes.

World-class support

Get 24/7 support for the complete hardware and software stack with a single point of contact.

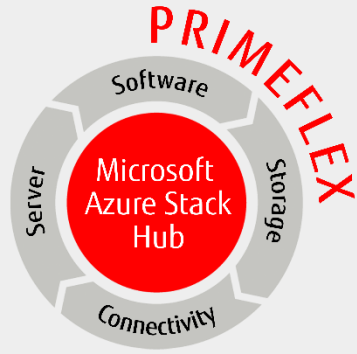


Fujitsu's Managed, Hybrid & Hosting services

Azure Managed services for organizations with limited resources, skills and capabilities to manage their complex infrastructure. Hybrid IT services to identify the optimum blend of sourcing options and managing the Azure and Azure Stack Hub environments. Hosting services for fast and reliable connection to Azure Cloud.



Benefits

Features	Benefits
Factory integrated delivery	Mitigate risk with turnkey factory integrated delivery and Automated start to deploy, manage, and support.
24/7 support	Minimize downtime with 24/7 support for the complete Hardware and software stack.
Additional options	Multi-cloud self-service portal, Multi-cloud cost
Migration and deployment services	Application migration and deployment made easy with the right tools and services.
Managed services	Azure managed services including hybrid services enabling you to focus on your core business.
<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 2px;">Services</div> <div style="border: 1px dashed black; padding: 5px; text-align: center; margin-bottom: 2px;">Azure Cloud Services</div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 2px;">Azure Stack Hub</div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 2px;">ISM</div> <div style="display: flex; justify-content: space-around; margin-bottom: 2px;"> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 45%;">PRIMERGY RX (HLH)</div> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 45%;">4-16 x PRIMERGY RX</div> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 2px;">PSWITCH (2x ToR, 1x management)</div> <p>HLH = HW Lifecycle Host</p> <p style="text-align: center;">PRIMEFLEX for Microsoft Azure Stack Hub Solution Stack</p>	

Additional options with PRIMEFLEX for Microsoft Azure Stack Hub

Software licenses

- Reliable management of existing Enterprise Agreements.
- License consulting across business models – Leverage existing plans for new requirements, optimize to suite every individual requirement.

Backup of on-premises user data

ETERNUS CS appliances: Options for disk backup with deduplication, file archiving and archive automation.

Additional options

- FUJITSU Software Enterprise Service Catalog Manager (ESCM): Self-service portal ensuring compliance and consistency across multi-cloud environments.
- FUJITSU Cloud Service PICCO: Service offering that helps control and govern the usage and costs of services and resources in a multi-cloud environment.

Azure Managed, Hybrid and Hosting services

- Azure Managed services for organizations with limited resources, skills and capabilities to manage their complex infrastructure.
- Hybrid IT services to identify the optimum blend of sourcing options and managing the Azure and Azure Stack Hub environments.
- Hosting services for fast and reliable connection to Azure Cloud.

Learn more about PRIMEFLEX for Microsoft Azure Stack Hub:

<http://www.fujitsu.com/pf4mas>



Technical Details

Azure Stack Hub Host Nodes	Chassis	1x PY RX2540 M5 12x3.5"
	CPU Options	<p>2x Intel Xeon Silver 4208 8C 2.10 GHz 2x Intel Xeon Silver 4210 10C 2.20 GHz 2x Intel Xeon Silver 4214 12C 2.20 GHz 2x Intel Xeon Silver 4215 8C 2,50GHz 2x Intel Xeon Silver 4216 16C 2,10GHz 2x Intel Xeon Gold 5218 16C 2.30 GHz</p> <p>2x Intel Xeon Gold 6244 8C 3.60 GHz 2x Intel Xeon Gold 6242 16C 2.80 GHz 2x Intel Xeon Gold 6240 18C 2.60 GHz 2x Intel Xeon Gold 6254 18C 3.10 GHz 2x Intel Xeon Gold 6230 20C 2.10 GHz 2x Intel Xeon Gold 6252 24C 2.10 GHz 2x Intel Xeon Gold 6238M 22C 2.10 GHz 2x Intel Xeon Gold 6240M 18C 2.60 GHz 2x Intel Xeon Platinum 8260 24C 2.40 GHz 2x Intel Xeon Platinum 8260M 24C 2.40 GHz 2x Intel Xeon Platinum 8268 24C 2.90 GHz 2x Intel Xeon Platinum 8270 26C 2.70 GHz 2x Intel Xeon Platinum 8276 28C 2.20 GHz 2x Intel Xeon Platinum 8276M 28C 2.20 GHz 2x Intel Xeon Platinum 8280 28C 2.70 GHz 2x Intel Xeon Platinum 8280M 28C 2.70 GHz</p>
	Memory Options	<p>16-24x 16GB (1x16GB) 2Rx8 DDR4-2933 R ECC 16-24x 16GB (1x16GB) 1Rx4 DDR4-2933 R ECC</p> <p>4-24x 32GB (1x32GB) 2Rx4 DDR4-2933 R ECC 4-24x 64GB (1x64GB) 2Rx4 DDR4-2933 R ECC 2-24x 128GB (1x128GB) 4Rx4 DDR4-2933 LR ECC</p>
	Storage Options	<p>4x SSD SAS 12G 400GB Mixed-Use 3.5" H-P EP 8x HD SATA 6G 2TB 7.2K HOT PL 3.5" BC</p> <p>Configuration 1 3x SSD SAS 12G 1.6TB Mixed-Use 3.5" H-P EP</p> <p>Configuration 2 9x HD SATA 6G 4TB 7.2K HOT PL 3.5" BC</p> <p>Configuration 3 4x SSD SAS 12G 1.6TB Mixed-Use 3.5" H-P EP 8x HD SATA 6G 8TB 7.2K 512e HOT PL 3.5" BC</p>
	Boot device	2x SSD SAS 6GB 960GB Mixed-Use 2.5" H-P EP1x PRAID EP400i
	RAID Controller	1x PLAN EP MCX4-LX 25Gb 2p SFP28 LP
	LAN Controller	1x PSAS CP400i
	SAS Controller	1x TPM 2.0 Module
	Security Chip	
	Power Supplies options	<p>2x Modular PSU 800W platinum H-P 2x Modular PSU 800W titanium H-P 2x Modular PSU 1200W platinum H-P</p>

Hardware Life Cycle Host (HLH)	Chassis	1x PY RX2540 M5 12x3.5"
	CPU	2x Intel Xeon Silver 4208 8C 2.10 GHz
	Memory	4x 16GB (1x16GB) 2Rx8 DDR4-2933 R ECC
	Boot device	2x SSD SATA 6G 960GB Mixed-Use HOT PL 2.5" EP
	RAID Controller	1x PRAID EP400i
	LAN Controller	1x PLAN EM 2x 10Gb T OCP interface
	Security Chip	1x TPM 2.0 Module
	Power Supplies options	2x Modular PSU 450W platinum H-P 2x Modular PSU 800W platinum H-P 2x Modular PSU 800W titanium H-P
Switches	ToR (Top of Rack) Switches	2x PSWITCH 2048P 48x SFP+ 6x QSFP+
	BMC (Baseboard Management Controller) Switch	1x PSWITCH 2048P 48x SFP+ 6x QSFP+
Management software	ISM	FUJITSU Software Infrastructure Manager (ISM)

More information

Fujitsu products & solutions

Products

www.fujitsu.com/global/products/
Fujitsu offers a full portfolio of other computing products.

Computing products

- Storage systems: ETERNUS
- Server: PRIMERGY, PRIMEQUEST, Fujitsu SPARC M10, BS2000/OSD Mainframe
- Client Computing Devices: LIFEBOOK, STYLISTIC, ESPRIMO, FUTRO, CELSIUS
- Peripherals: Fujitsu Displays, Accessories
- Software
- Network

Product Support Services with different service levels agreements are recommended to safeguard each product and ensure smooth IT operation.

Solutions

<http://www.fujitsu.com/global/solutions>
The Fujitsu solutions combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships. Fujitsu's Solutions include parts of one or more activity groups (e.g., planning, implementation, support, management, and training services) and are designed to solve a specific business need.

Infrastructure Solutions are customer offerings created by bringing Fujitsu's best products, services and technologies together with those from partners to deliver benefit to our customers' businesses.

Industry Solutions are tailored to meet the needs of specific verticals.

Business and Technology Solutions provide a variety of technologies developed to tackle specific business issues such as security and sustainability, across many verticals.

Fujitsu services

Services

www.fujitsu.com/global/services/
Several customizable Fujitsu Service offerings ensure that IT makes a real difference and delivers true business value. We do this by leveraging our extensive experience in managing large, complex, transformational IT programs to help clients in planning, delivering and operating IT services in a challenging and changing business environment.

Application Services support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications. The services focus on delivering business and productivity improvements for organizations.

Business Services respond to the challenge of planning, delivering and operating IT in a complex and changing IT environment.

Managed Infrastructure Services enable customers to deliver the optimal IT environment to meet their needs – achieving high levels of IT service quality and performance for data center and end user environments.

Fujitsu green policy innovation

www.fujitsu.com/global/about/environment/
Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:



More information

To learn more about Fujitsu, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. www.fujitsu.com/fts

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