

Datasheet Fujitsu PRIMERGY/PRIMEQUEST Server Systems for Windows Server 2019 (OEM & ROK)

With the release of Windows Server 2019, Fujitsu proudly presents the new lineup of its best-selling PRIMERGY and PRIMEQUEST servers!

Windows Server 2019

Windows Server (WS) 2019, the latest iteration of Microsoft's renowned Windows Server operating system, helps you thrive in the cloud-driven modern computing environment. Windows Server 2019 helps you update your digital infrastructure for the cloud-computing age, boosting the performance of your servers while maintaining their resilience and security. Much anticipated Windows Server 2019

- Helps you manage your servers and incorporate Microsoft's Azure services into them via Windows Admin Center.
- Uses Hyper-V Containers for enhanced isolation of containerized applications without any changes to container images.
- Enables agile application deployment and management through Windows Server Containers.
- Allows the deployment of applications on Linux-based operating systems with best-in-class support for Hyper-V on Linux.
- Protects your servers from attacks and threats with such robust security measures as Shielded Virtual Machine and Windows Defender Advanced Threat Protection.
- Let's you manage your data easily with Storage Spaces Direct, highly scalable software-defined storage, and helps you recover effortlessly from catastrophic system failures with Storage Replica.

Windows Server 2019 Editions

The following editions of Windows Server 2019 are available: Datacenter, Standard, and Essentials. All editions include English, German, French, Italian, Spanish, Japanese, Chinese, and Korean by default. Downloadable Language Packs are available for other languages.

Fujitsu ServerView

Fujitsu ServerView Installation Manager, available with Fujitsu PRIMERGY server systems, makes the installation of Windows Server 2019 easy. For the installation of Windows Server 2019 (whether OEM or ROK) on VMware hosts, please consult the readme file on Fujitsu VMware OEM media.

Delivery

Fujitsu OEM and ROK Windows Server Base Licenses ship with Fujitsu PRIMERGY server systems. FUJITSU OEM and ROK Windows Server Client Access Licenses, Remote Desktop Services Client Access Licenses, and Windows Server Additional Licenses may be obtained separately after PRIMERGY server systems are purchased.

Warranty

Fujitsu products include a country-specific warranty.

Support Policy

Please refer to Fujitsu's PRIMERGY support policy as well as Microsoft's support lifecycle. <u>https://support.microsoft.com/en-</u> us/help/14085





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Fujitsu Product Order Numbers

 Windows Server 2019 Datacenter Base License 16 core
 OEM: S26361-F2567-E610 PYBWBD93A
 ROK: S26361-F2567-D610 PY-WBD93RA

----- w/Reassignment 16 core OEM: S26361-F2567-E611 PYBWRD93A ROK: S26361-F2567-D611 PY-WRD93RA

- Windows Server 2019 Datacenter Additional License 16 core, No Media/Key
 OEM: S26361-F2567-E612
 ROK: S26361-F2567-D612
 4 core, No Media/Key
 OEM: S26361-F2567-E613
 ROK: S26361-F2567-D613
 Core, No Media/Key
 OEM: S26361-F2567-E614
 ROK: S26361-F2567-D614
- Windows Server 2019 Standard Additional License 16 core, No Media/Key, POS Only
 OEM: S26361-F2567-E622
 ROK: S26361-F2567-D622
 4 core, No Media/Key, POS Only
 OEM: S26361-F2567-E623
 ROK: S26361-F2567-D623
 2 core, No Media/Key, POS Only

OEM: S26361-F2567-E624

ROK: S26361-F2567-D624

Windows Server 2019 Standard Additional License 16 core, No Media/Key, APOS
 OEM: S26361-F2567-L622
 4 core, No Media/Key, APOS
 OEM: S26361-F2567-L623
 2 core, No Media/Key, APOS

OEM: S26361-F2567-L624

Windows Server 2019 Essentials
 OEM: S26361-F2567-E630
 PYBWBB93A
 ROK: S26361-F2567-D630
 PY-WBB93RA

Windows Server 2019 CAL —— 100 Device S26361-F2567-E668 S26361-F2567-L668 - 50 Device S26361-F2567-E666 S26361-F2567-L666 – 10 Device S26361-F2567-E664 S26361-F2567-L664 —— 5 Device S26361-F2567-E662 S26361-F2567-L662 – 1 Device S26361-F2567-E660 S26361-F2567-L660

Windows Server 2019 CAL
 —— 100 User
 S26361-F2567-E669
 S26361-F2567-L669
 —— 50 User
 S26361-F2567-E667
 S26361-F2567-L667
 —— 10 User

Windows Server 2019 RDS CAL – 100 Device S26361-F2567-E678 S26361-F2567-L678 — 50 Device S26361-F2567-E676 S26361-F2567-L676 - 10 Device S26361-F2567-E674 S26361-F2567-L674 - 5 Device S26361-F2567-E672 S26361-F2567-L672 – 1 Device S26361-F2567-E670 S26361-F2567-L670

Windows Server 2019 RDS CAL

 100 User
 S26361-F2567-E679
 S26361-F2567-L679
 50 User

S26361-F2567-E677 S26361-F2567-L677 ----- 10 User S26361-F2567-E675 S26361-F2567-L675 ----- 5 User S26361-F2567-E673 S26361-F2567-L673 ----- 1 User S26361-F2567-E671 S26361-F2567-L671 Datasheet: Fujitsu PRIMERGY/PRIMEQUEST Server Systems for Windows Server 2019 (OEM & ROK) (version: 2 September 2021)

Note on Order Codes

As of fall 2021, a small number of Windows Server (WS) 2019 products have two different order codes – order codes that begin with S and PY – assigned to them, as seen above. For example, there are two order codes for the Windows Server 2019 Datacenter OEM license: S26361-F2567-E610 and PYBWBD93A. However, either an S or PY order code version of the product is offered with any given server system. Which version of the product is offered depends on the server system.

- WS 2019 products with **PY order codes** are to be offered with:
 - \checkmark server models that begin shipping from fall 2021 and
 - ✓ server models that have been shipping before fall 2021 and that plan to offer Windows Server 2022

Windows Server 2019 – Editions and Features

Windows Server 2019 Editions at a Glance

Windows Server 2019 Datacenter

Windows Server 2019 Datacenter is for highly virtualized datacenters and cloud environments. It provides unprecedented levels of security and brings cutting-edge innovations to modern computing infrastructure. Windows Server 2019 Datacenter is the only edition of Windows Server 2019 that includes all of its functionalities (while Standard and Essentials offer their subsets). For a server to be properly licensed, all physical cores in that server must be licensed. Each server must be licensed for a minimum of 16 cores. Each physical processor must be licensed for a minimum of 8 cores. If there are more than 16 physical cores in a server, additional licenses are needed to cover excess cores. Client Access Licenses (CALs) are needed to access servers licensed with Windows Server 2019 Datacenter.

Benefits

- Windows Admin Center makes it a breeze not only to manage the most complex of server systems but also to take advantage of Microsoft Azure services.
- With Hyper-V, virtual machines can be run on top of (i.e., can be nested in) other virtual machines.
- Easy configuration of virtual environments.
- Highly scalable storage to accommodate ever accumulating data (Storage Spaces Direct).

Windows Server 2019 Standard

Windows Server 2019 Standard is for physical or minimally virtualized environments. As such, Standard does not include some functionalities that are available in Datacenter. Licensing details for Windows Server 2019 Datacenter apply to Windows Server 2019 Standard. CALs are required to access servers licensed with Windows Server 2019 Standard. Windows Server 2019 Standard allows two instances of virtual machines.

Benefits

- Container management by PowerShell and efficient use of virtual environment resources.
- Enhanced security through the ability to set required minimum security levels.
- Highly reliable disaster recovery to keep data from being lost (Storage Replica).

Windows Server 2019 Essentials

Affordable and user-friendly, Windows Server 2019 Essentials is ideal for small businesses with up to 25 users and 50 devices.

Benefits

• Unlike Datacenter or Standard, CALs are not required.

Feature Comparisons across WS 2019 Datacenter, WS 2019 Standard, and WS 2016 Datacenter

	Windows S	Server 2019	Windows Server 2016
	Datacenter	Standard	Datacenter
Storage Migration Service	Yes	Yes	No
System Insights	Yes	Yes	No
Server Management by Windows Admin Center	Yes	Yes	Yes
Storage Spaces Direct (S2D)	Yes	No	Yes
Storage Replica	Yes	Yes (up to 2TB/Vol.)	Yes
Network Controller	Yes	No	Yes
Leap Second	Yes	Yes	No
Windows Defender Exploit Guard	Yes	Yes	No
Shielded VM for Windows	Yes	No	Yes
Shielded VM for Linux	Yes	No	No
Windows Server Container	Yes	Yes	Yes
Hyper-V Container	Yes (Unlimited)	Yes (2 VMs)	Yes (Unlimited)
Linux Container	Yes	Yes	No
Server Core Features on Demand	Yes	Yes	No
Kubernetes Platform Support	Yes	Yes	No
Licensing Model	Core based	Core based	Core based

Windows Server 2019 – Editions and Technical Specifications

Technical Specification	WS 2019 Datacenter	WS 2019 Standard	WS 2019 Essentials
Maximum physical CPUs / cores supported by Fujitsu PRIMERGY	4 CPUs / 112 cores	4 CPUs / 112 cores	2 CPUs / 56 cores
Maximum physical CPUs / cores supported by Fujitsu PRIMEQUEST	8 CPUs / 224 cores	8 CPUs / 224 cores	
VM-use rights included per product	Unlimited VMs	2 VMs ¹	1 VM ²
Maximum physical RAM supported	24TB	24TB	64GB
Hyper-V role supported	Yes (incl. Shielded VMs)	Yes	Yes ³
Maximum number of 64-bits sockets	64	64	2
Active virtual machines supported	1,024	1,024	12
Maximum nodes per cluster	64	64	Not supported
Maximum number of users / devices	Unlimited ⁴	Unlimited ⁴	25 / 50
Remote Desktop Services supported	Yes	Yes	No ⁵
CALs required / included in Base License	Yes / 0	Yes / 0	No
RDS CALs required for RDS / included in Base License	Yes / 0	Yes / 0	N/A
Admin connections allowed w/o CAL	2	2	2
Can act as Domain Controller (AD)	Yes	Yes	Yes ⁶

¹ Although WS 2019 Standard includes the right to run up to 2 virtual machines, Additional Licenses must be purchased in order to run more than 2 virtual machines. Furthermore, for every 2 additional virtual machines, Additional Licenses must be obtained in such a way as to fulfill core-based license requirements for the physical server.

² Only Windows Server 2019 Essentials as a guest OS.

³ Hyper-V guests can use no more than 64 virtual CPUs, 1 TB of memory, or 64 TB VHDs.

⁴ Certain hardware limitations, specifications, and configurations may limit the maximum number of users and devices, though Datacenter and Standard themselves can support unlimited numbers of users and devices.

⁵ Two admin remote sessions, included in the product license, are allowed.

⁶ Domain Controller, or AD, must be configured for maximum 25 users and 50 devices, must be the root of a forest, must not be a child domain, and must not have a trust relationship with any other domains.

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Technical Details

Please note that the information provided below is current as of 27 August 2021

SOFTWARE	
Server Operating System	Windows Server 2019
Windows Server 2019 Editions	Datacenter, Standard, and Essentials
Product Update	Windows Update
HARDWARE	
Minimum Hardware Requirement	Minimum hardware requirements are set by Microsoft. FUJITSU PRIMERGY/PRIMEQUEST server systems, scale-out servers (formerly server blades), and nodes are (or will be) certified—"logo'd," so to speak—by Microsoft and hence meet (or will meet) the minimum hardware requirements.
Fujitsu Server System for Windows Server 2019	You can find information on hardware releases for Windows Server 2019 at http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473
Fujitsu Storage Systems	ETERNUS: JX40 S2, JX60 S2
System Requirements for Fujitsu Servers	Processor. ECC Memory. DVD drive. Disk. RAID (Redundant Array of Independent Disks) is supported, but not required. The system volume can be MBR or GPT. Keyboard. Video. Mouse. Certification logo requirements are the same for all Windows Server 2019 editions.
BIOS Requirements for Fujitsu Servers	When installing Windows Server 2019, please check the latest BIOS version at http://support.ts.fujitsu.com/IndexDownload.asp?Ing=COM&SoftwareGUID= Click on "Product Search," enter a PRIMERGY or PRIMEQUEST model that supports Windows Server 2019 (e.g., RX2540 M4), click on "Continue" and select "Windows Server 2019" from the "Select Operating System" dropdown menu. Click on the "BIOS" tab and find the requisite BIOS file. If you have an older BIOS, please apply the latest version.

"Server with Desktop Experience" & "Server Core"	"Server with Desktop Experience" and "Server Core" installation options are available for
Installations	Windows Server 2019.
"Nano Server" Installation	The "Nano Server" installation option, which was available for Windows Server 2016, is no longer available for Windows Server 2019. If the "Nano Server" installation option is desired, please use the Semi-Annual Channel release of Windows Server.
FUJITSU OEM/ROK WS 2019 INSTALLATION ON VMW	ARE HOSTS
	Fujitsu OEM/ROK Windows Server 2019 can be installed as a guest operating system of VMware hosts. But do not use ServerView Installation Manager to install Fujitsu OEM/ROK Windows Server 2019 on virtual machines.
FUJITSU SERVERVIEW SUITE	
	The Fujitsu ServerView Suite — consisting of ServerView Installation Manager, Server- View Operations Manager, ServerView Agent, and ServerView RAID Manager — sup- ports Windows Server 2019. The ISO image for Fujitsu ServerView Suite that is compatible with Windows Server 2019 is available at <u>http://support.ts.fujitsu.com/prim_supportcd/SVSSoftware/Software/Hints_and_read- mes/English/ServerView_Links/ServerView_links.htm</u> . At the Fujitsu ServerView Suite page, open the "ServerView Suite" folder and then the "Software downloads" folder. Click on the "ISO images" page and choose the link that suits your need.
LANGUAGES	
	Windows Server 2019 Datacenter, Standard, and Essentials are multilingual and in- clude the following languages by default: English, German, French, Italian, Spanish, Japanese, Chinese, and Korean. Language Packs for Arabic, Brazilian Portuguese, Bul- garian, Croatian, Czech, Danish, Dutch, Estonian, Finnish, Greek, Hebrew, Hungarian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slo- vak, Slovenian, Swedish, Thai, Turkish, and Ukrainian are available as end-user down- loads from Microsoft. Install Language Packs from the command line by issuing the "lpksetup" command. For more information about Language Packs, see <u>https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/available- language-packs-for-windows</u> .
HYPER-V	
Hyper-V	Windows Server 2019 Datacenter, Standard, and Essentials provide Hyper-V. Hyper-V enables you to create and manage virtualized computing environments through Windows Server 2019's built-in virtualization technology. Hyper-V is supported on all PRI-MERGY servers.
Supported Guest Operating Systems (Server & Client)	Operating systems that can be used as guest operating systems (whether server or cli- ent) in Windows Server 2019's Hyper-V environment will be announced later.
	Install Integration Services after you set up the operating system in the virtual ma- chine. Supported guest operating systems and Service Packs can be found at <u>https://docs.microsoft.com/en-us/windows-server/virtualization/hyper-v/Hyper-V-Tech-</u> nology-Overview. Guest operating systems must be properly licensed.

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SPECIAL FUNCTIONS	
Storage Spaces Direct (S2D)	Storage Spaces Direct (S2D), a storage feature exclusive to Windows Server 2019 Data center, harnesses servers' physical disks into a highly scalable software-define storage space.
	Before using S2D (and other Software-Defined Data Center features), please apply the latest update for Windows Server.
	For PRIMERGY models where S2D can be implemented, please see Datasheet Windows Server 2016/2019 Addendum: Storage Spaces Direct.
Hardware Assurance	<i>Hardware Assurance</i> -certified systems are capable of supporting all hardware and firmware technologies required for higher levels of security. Those technologies are:
	 Trusted Platform Module version 2.0 or later UEFI version 2.31c or higher firmware support SecureBoot IO Memory Management Unit (IOMMU) You can find information on the Hardware Assurance-certified for PRIMERGY and PRIMEQUEST models at https://www.windowsservercatalog.com/re-sults.aspx?&bCatID=1333&cpID=22617&avc=126&ava=130&avt=0&avq=89&OR=1&PGS=25
Intel Optane DCPMM Module	Intel Optane DCPMM App Direct Mode can be used with Windows Server 2019 if a Windows Server's latest cumulative update (LCU) released in August 2019 or later is applied.
	For PRIMERGY and PRIMEQUEST models with which DCPMM can be used, please refer to the following URL. <u>https://www.windowsservercatalog.com/re-</u> <u>sults.aspx?&bCatID=1333&cpID=22617&avc=126&ava=130&avt=0&avq=131&OR=1&P</u> <u>GS=25</u>
	Also for DCPMM's installation requirements, please see PRIMERGY and PRIMEQUEST hardware documentations (such as Datasheets and Configurators).

COMPONENT RESTRICTIONS

When installing Windows Server 2019, please check the latest Deiver or BIOS version at <u>http://support.ts.fujitsu.com/IndexDown-load.asp?lng=COM&SoftwareGUID=</u>

Click on "Product Search," enter a PRIMERGY or PRIMEQUEST model that supports Windows Server 2019 (e.g., RX2540 M4), click on "Continue" and select "Windows Server 2019" from the "Select Operating System" dropdown menu. Click on the "Driver" or "BIOS" tab and find the requisite Driver or BIOS file.

If the Driver or BIOS is limited, it can be found in the file description the latest manual. Therefore, be sure to refer to it before applying the Driver or BIOS.

If there is a restrictions, a "Important information" entry is added to the File description or the latest manual. Please Refer to the following URL <u>https://support.ts.fujitsu.com/IndexDownload.asp?Ing=com&OpenTab=</u>

For "Important information" file description, Click on "Product Search," enter a PRIMERGY or PRIMEQUEST model that supports Windows Server 2019 (e.g., RX2540 M4), click on "Continue" and select "Windows Server 2019" from the "Select Operating System" dropdown menu. Click on the "Driver" or "BIOS" tab and find the requisite BIOS or Driver file. Click on the "File description", if have the important information, "important information" tab will be displayed.

For the latest manual, Click on "Product Search," enter a PRIMERGY or PRIMEQUEST model that supports Windows Server 2019 (e.g., RX2540 M4), click on "Continue" and select "Windows Server 2019" from the "Select Operating System" dropdown menu. Click on the "Documents" tab and find the document.

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LICENSING	
Right to Use – Base License	Windows Server 2019 products are licensed on the per-core basis.
	The Windows Server (WS) Base License is permanently assigned to the Fujitsu PRI- MERGY server with which you acquired that software. (It is, however, possible to move a Base License from one server to another with the purchase of reassignment li- censes.) You may not assign a single WS Base License to multiple servers. WS 2019 Datacenter and Standard require Client Access Licenses (CALs), though they are not in- cluded in WS 2019 Base Licenses. CALs are required for every user or every device that accesses servers licensed with Windows Server.
	Virtual machines (VMs) are not tied to servers permanently. All types of WS licenses support VM portability. VM instances are license agnostic (whether OEM, VL, or Retail), and you can dynamically move VM instances to any servers, capable of running VMs, licensed with proper WS editions. You have the right to run as many VM instances on your servers as license terms allow.
Right to Use – Additional License	There are two kinds of OEM Additional Licenses: POS (i.e., Point of Sale) and APOS (i.e., After POS). POS Additional Licenses must be purchased with base licenses, and may not be purchased after the initial server sale. APOS Additional Licenses can be purchased after the initial server sale and also can be reassigned from the server for which they are purchased to another server as long as the latter server is properly licensed with a base license.
Right to Use – Client Access License (CAL)	CALs are no longer included in Windows Server Base Licenses, but CALs are still re- quired to access any WS 2019 Datacenter or Standard instances (physical or virtual). CALs must be purchased separately from base licenses. OEM CALs are not tied to serv- ers. Additional OEM CALs may be purchased after the initial server sale. CALs are chan- nel agnostic; any CALs (whether OEM, VL, or Retail) can be used to access any WS (whether OEM, VL, or Retail) machines.
	OEM CALs are independent of base licenses and remain valid even after base licenses are retired. CALs are required for every user or every device that directly accesses servers licensed with Windows Server. CALs are not required for anonymous users who access such servers over the internet.
End User License Agreement	Delivered with license products as a printed document. By using the software, you ac- cept its license terms. If you do not accept them, do not use it. Instead, contact Fujitsu to inquire about our return policy and apply for a refund or credit.
Product Activation Notice to End Users – OEM	Certain Microsoft software included on Fujitsu servers may employ copyright protection measures. Unless the software is activated, you have no right to use it after its activa- tion period. This is to prevent its unauthorized use. You may not bypass or circumvent activation. The activation procedure and Microsoft's privacy policy will be displayed when the software is launched for the first time, when it is reinstalled, or when your computer is reconfigured. Product activation may be completed by Internet or tele- phone (toll charges may apply). You will be re-minded to activate until you do so. PRI- MERGY server systems that ship with Windows Server 2019 OEM licenses will have Win- dows Server 2019 pre-activated.
Product Activation Notice to End Users – ROK	Certain Microsoft software included in Fujitsu servers may employ copyright protection measures. Unless the software is activated, you have no right to use it after its activation period. This is to prevent its unauthorized use. You may not bypass or circumvent activation. The activation procedure and Microsoft's privacy policy will be displayed when the software is launched for the first time, when it is reinstalled, or when your computer is reconfigured. Product activation may be completed by Internet or telephone (toll charges may apply).
Downgrade Rights	Windows Server 2019 Datacenter, Standard, and Essentials licenses include a down- grade or down-edition right, or both. Typically, customers who request a downgrade would already have a server running the (older) version of Windows Server they are seeking to downgrade to; hence, customers who wish to exercise a downgrade right that their Windows Server 2019 license entitles would usually have a server running Windows Server 2016 or an earlier WS version, for example. Those customers may use their existing media and keys to exercise their downgrade right. That customers elect

	to use a downgrade version does not change the terms and conditions of the license product they purchased. Therefore, customers who purchased a WS 2019 license have to abide by WS 2019 license's terms and conditions even when they exercise their downgrade right. For example, when Windows Server 2012 R2 or Windows Server 2012 is used through a WS 2019 license's downgrade right, all cores on physical processors still have to be licensed because Windows Server 2019 is licensed on the per-core ba- sis, while Windows Server 2012 R2 and earlier WS versions are li-censed on the per- processor basis. Likewise, virtualization rights stay unaltered when downgrade rights are exercised; if WS 2016 Standard is used via a WS 2019 Standard license's downgrade right, that license still permits two instances of virtual machine, for example. Upon re- quest, Fujitsu provides downgrade media or product key (or both).
	 Windows Server 2019 Datacenter includes downgrade and down-edition rights to WS 2019 Standard and Essentials; WS 2016 Datacenter, Standard, and Essentials; WS 2012 R2 Datacenter, Standard, Essentials, and Foundation; and WS 2012 Datacenter, Standard, and Essentials. Windows Server 2019 Standard includes downgrade and down-edition rights to WS 2019 Essentials; WS 2016 Standard and Essentials; WS 2012 R2 Standard, Essentials, and Foundation; and WS 2012 R2 Standard, Essentials, and Foundation; and WS 2012 Standard and Essentials. Windows Server 2019 Essentials includes downgrade rights to WS 2016 Essentials, WS 2012 R2 Essentials and Foundation, and WS 2012 Essentials.
Downgrading Windows Server CALs	Downgrading Windows Server 2019 CALs (Client Access Licenses) does not require end users to take special action or obtain separate product keys.
SOFTWARE ASSURANCE	
	Software Assurance is Microsoft's maintenance program. Its benefits include new version rights, additional use rights, installment payment plans, consulting services, training, and much more. You must sign up for Software Assurance within the 90 days of your software purchase. (Please note use of Nano Server requires Software Assurance.) If you purchase a Software Assurance (SA) policy for your OEM license, use of that software becomes subject to Microsoft Product Use Rights and the terms and conditions of your organization's volume licensing agreement. Your software's OEM terms are reinstated after the expiration of your SA policy.
	Software Assurance, Microsoft Volume Licenses, and Microsoft Products and Services Agreements must be obtained from authorized Microsoft Licensing Solution Partners (LSPs). Fujitsu is an authorized Microsoft LSP around the world, including the European Union and European Free Trade Association countries. For assistance, please contact <u>PM-Team-LAR@ts.fujitsu.com</u> .
FUJITSU CUSTOMER SUPPORT	
	Basic installation support is provided free of charge. Windows Server 2019 initial installation issues that pertain to Fujitsu PRIMERGY server systems' hardware warranty or hardware support services are handled by Fujitsu Maintenance Organizations. Basic installation support covers issues related to the installation of an operating system as a POSE (Physical Operating Software Environment) on Fujitsu PRIMERGY server

a POSE (Physical Operating Software Environment) on Fujitsu PRIMERGY server systems. Support for issues related to VOSE (Virtual Operating System Environment) installation is not free. Customers needing advanced levels of product support are advised to purchase such services as Fujitsu Support Pack Software, Fujitsu Service Contract Software, and Fujitsu Installation Pack. Those services are not included in Windows Server licenses (whether OEM or ROK) and must be purchased separately. For more information about those services, please see

http://www.fujitsu.com/fts/products/product-support-services/.

PRODUCT SUPPORT LIFE CYCLES

Please refer to Microsoft's support lifecycle for Windows Server 2019 as well as Fujitsu's PRIMERGY lifecycle policy.

Microsoft's Windows Server 2019 support lifecycle begins: on or shortly after GA Microsoft's Mainstream Support ends: about 5 years after GA Microsoft's Extended Support ends: about 5 years after Mainstream Support ends <u>https://support.microsoft.com/en-us/help/14085/microsoft-business-developer-and-desktop-operating-systems-policy</u>

More Information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu Windows Server 2019 OEM / ROK for FUJITSU Server PRIMERGY, Fujitsu provides a range of platform solutions. They combine reliable FUJITSU products with the best in services, know-how and worldwide partner-ships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructureas-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing products

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

- PRIMERGY: Industrial standard server
- ETERNUS: Storage system

Software

www.fujitsu.com/global/products/software/

- Windows Server: FUJITSU PRIMERGY
 Operating System
- ServerView: FUJITSU PRIMERGY Server Management

More information

Learn more about FUJITSU Server PRIMERGY, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.

www.fujitsu.com/global/products/computing/servers/primergy/

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global knowhow, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at:

www.fujitsu.com/global/about/environment/

Green Policy Innovation

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www.fujitsu.com/fts/resources/navigation/terms-of-use.html

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