

# Fujitsu Enterprise Postgres 16



Hardware requirements



# Table of contents

---

- Operating system requirements
- Hardware requirements
- Sample server configuration
- Operator system requirements
- Appendix: Estimating resources

This document provides a basic estimate of hardware requirements considering a few factors. For a more accurate estimate taking into account more variables, refer to the technical documentation on our website as indicated in slide 6.

# Operating system requirements

## ● Operating system

		Fujitsu Enterprise Postgres	Fujitsu Enterprise Postgres on IBM LinuxONE	Fujitsu Enterprise Postgres on IBM Power®
Database server	RHEL	9.2 / 8.2	9.2 / 8.4	9.2 / 8.4
	SLES	15 SP3	15 SP3	15 SP3
	Windows Server	2022 / 2019 / 2016	-	-
Client computer	RHEL	9.2 / 8.2	9.2 / 8.4	9.2 / 8.4
	SLES	15 SP3	15 SP3	15 SP3
	Windows Server	2022 / 2019 / 2016	-	-
	Windows	11 / 10	-	-

## ● Minimum value

		Fujitsu Enterprise Postgres	Fujitsu Enterprise Postgres on IBM LinuxONE	Fujitsu Enterprise Postgres on IBM Power®
Database server	Memory	512 MB		512 MB
	Disk space *	RHEL	2,302 MB	501 MB
		SLES	1,032 MB	
		Windows	2,077 MB	
Client computer	Memory	160 MB		160 MB
	Disk space *	RHEL	590 MB	180 MB
		SLES	590 MB	
		Windows	2,060 MB	

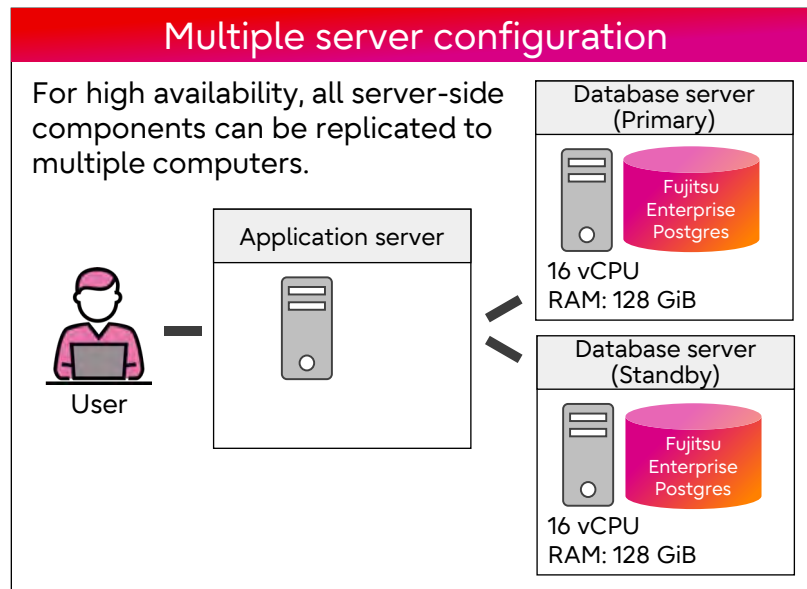
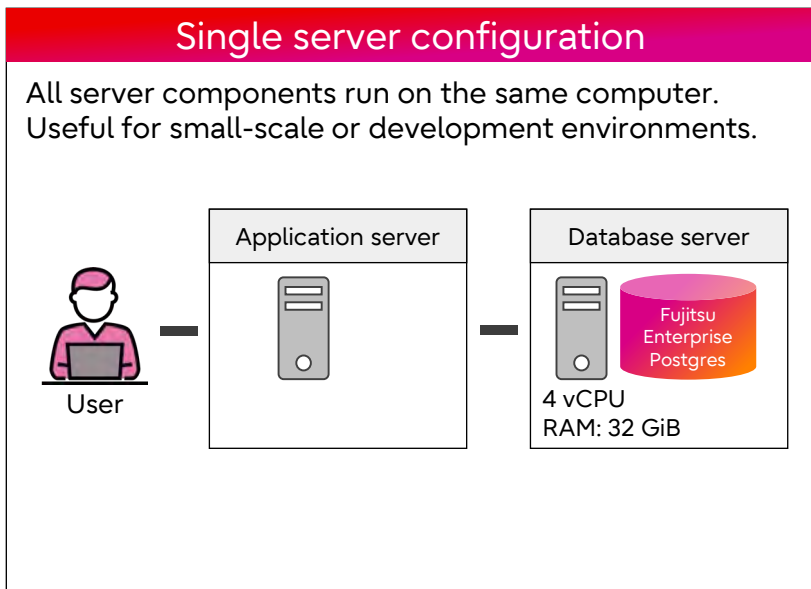
\* Disk space required for Installation

## ● Supported system environment

Network	TCP Internet Protocol version 4 and 6 (IPv4 and IPv6)	
File system	Linux	File systems with POSIX-compliant interface. Recommended: ext4
	Windows	NTFS

# Sample server configuration

- Fujitsu Enterprise Postgres can be configured as a single server for small scale or development environments, or as a highly available multiple server system configuration.



In addition to the space required to install the Fujitsu Enterprise Postgres, additional space is required to store the database. Table size, Index size, Transaction log space, Archive log space, Backup disk space, etc.

# Operator system requirements

- Available as a multi-architecture container built for **x86**, **s390x** and **ppc64le**

## Supported platforms

FEP Operator is tested on the following platforms

Service	Platform
Self-managed Kubernetes Service	<ul style="list-style-type: none"><li>● Red Hat OpenShift Container Platform 4.13 - 4.15</li><li>● Rancher Kubernetes Engine (on Linux hosts) 1.4.0+ *</li><li>● VMware Tanzu Kubernetes Grid v1.6+</li><li>● SUSE Rancher 2.7</li></ul>
Full-managed Kubernetes Service	<ul style="list-style-type: none"><li>● Red Hat OpenShift Service on AWS</li><li>● Red Hat OpenShift on IBM Cloud</li><li>● Azure Red Hat OpenShift</li><li>● Azure Kubernetes Service *</li><li>● Amazon Elastic Kubernetes Service *</li><li>● IBM Cloud Kubernetes Service *</li><li>● Alibaba Cloud Container Service for Kubernetes *</li><li>● Google Kubernetes Engine *</li></ul>

\* Kubernetes 1.26 - 1.28

## Supported storage

Category	Storage
Type/interface	<ul style="list-style-type: none"><li>● Container Storage Interface</li><li>● NFS</li><li>● Red Hat OpenShift Container Storage</li></ul>
Cloud Service	<ul style="list-style-type: none"><li>● Azure Blob Storage</li><li>● Amazon S3</li><li>● Google Cloud Storage</li></ul>

# Reference

For more, see the online manual [fast.fujitsu.com/product-manuals](https://fast.fujitsu.com/product-manuals) 

---

Fujitsu Enterprise Postgres 16



Installation and Setup Guide for Server

- Chapter 2: Operating Environment
- Appendix D: Configuring Parameters
- Appendix E: Estimating Database Disk Space Requirements
- Appendix F: Estimating Memory Requirements

---

Fujitsu Enterprise Postgres 16 on IBM LinuxONE



---

Fujitsu Enterprise Postgres 16 on IBM Power®



---

Fujitsu Enterprise Postgres 16 for Kubernetes



User's Guide

- Chapter 1: System Requirements
- 

This document provides a basic estimate of hardware requirements considering a few factors. For a more accurate estimate taking into account more variables, refer to the technical documentation on our website as indicated above.



# Fujitsu Enterprise Postgres

For more, visit our website at [fast.fujitsu.com](https://fast.fujitsu.com) 

© Fujitsu Limited 2024. Fujitsu, the Fujitsu logo and Fujitsu brand names are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries. Other company, product and service names may be trademarks or registered trademarks of their respective owners. All rights reserved. No part of this document may be reproduced, stored or transmitted in any form without prior written permission of Fujitsu Limited. Fujitsu Limited endeavors to ensure the information in this document is correct and fairly stated but does not accept liability for any errors or omissions.

Published: 10-09-24 WW EN