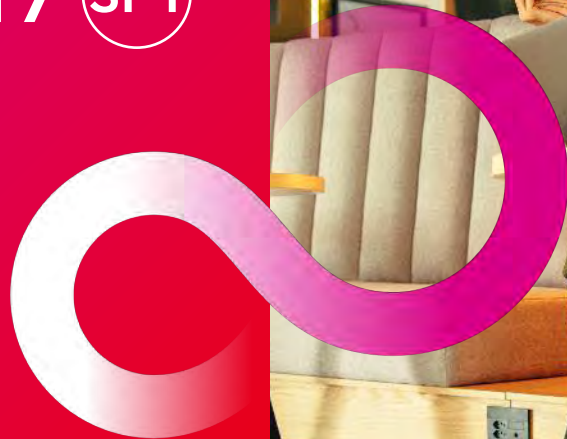


Fujitsu Enterprise Postgres 17 SP1



Hardware requirements

FUJITSU



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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 / 8.6	9.2 / 8.6	9.2 / 8.6
	SLES	15 SP4	15 SP4	15 SP4
	Windows Server	2025 / 2022 / 2019 / 2016	-	-
Client computer	RHEL	9.2 / 8.6	9.2 / 8.6	9.2 / 8.6
	SLES	15 SP4	15 SP4	15 SP4
	Windows Server	2025 / 2022 / 2019 / 2016	-	-
	Windows	11 / 10	-	-

Hardware requirements

● Minimum value

		Fujitsu Enterprise Postgres		Fujitsu Enterprise Postgres on IBM LinuxONE	Fujitsu Enterprise Postgres on IBM Power®
Database server	Memory	512 MB		512 MB	512 MB
	Disk space *	RHEL	2,302 MB	501 MB	593 MB
		SLES	1,032 MB		
		Windows	2,077 MB		
Client computer	Memory	160 MB		160 MB	160 MB
	Disk space *	RHEL	590 MB	180 MB	121 MB
		SLES	590 MB		
		Windows	2,060 MB		

* Disk space required for Installation

● Supported system environment

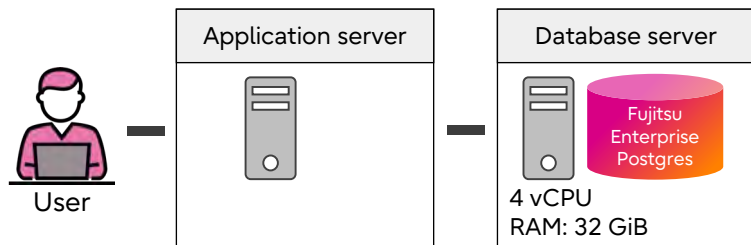
Network	TCP Internet Protocol version 4 and 6 (IPv4 and IPv6)	
File system	Linux	File systems with POSIX-compliant interface. Recommended: ext4
	Windows	NTFS

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.

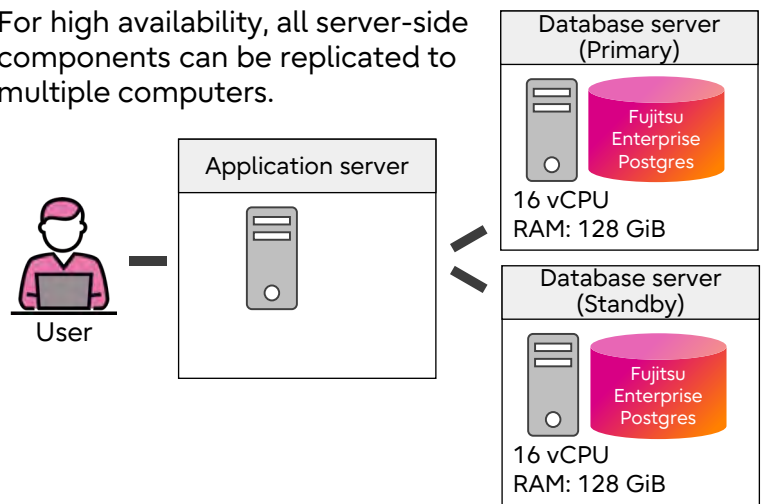
Single server configuration

All server components run on the same computer.
Useful for small-scale or development environments.



Multiple server configuration

For high availability, all server-side components can be replicated to multiple computers.



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	● Red Hat OpenShift Container Platform 4.14 - 4.15
	● Rancher Kubernetes Engine (on Linux hosts) 1.4.0+ *
	● VMware Tanzu Kubernetes Grid v1.6+
	● SUSE Rancher 2.7
Full-managed Kubernetes Service	● Red Hat OpenShift Service on AWS
	● Red Hat OpenShift on IBM Cloud
	● Azure Red Hat OpenShift
	● Azure Kubernetes Service *
	● Amazon Elastic Kubernetes Service *
	● IBM Cloud Kubernetes Service *
	● Alibaba Cloud Container Service for Kubernetes *
	● Google Kubernetes Engine *

* Kubernetes 1.27 - 1.28

Supported storage

Category	Storage
Type/interface	● Container Storage Interface
	● NFS
	● Red Hat OpenShift Container Storage
Cloud Service	● Azure Blob Storage
	● Amazon S3
	● Google Cloud Storage

Reference

For more, see the online manual postgres.global.fujitsu.com/product-manuals



Fujitsu Enterprise Postgres 17



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 17 on IBM LinuxONE



Fujitsu Enterprise Postgres 17 on IBM Power®



Fujitsu Enterprise Postgres 17 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 postgres.global.fujitsu.com 

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Published: 24-03-25 WW EN