

# ESS Sizing Calculator

Use this tool to understand the recommended resources for your desired ESS configuration.

Use this tool to understand the required / recommended resources for your desired ESS configuration.

## Deployment

Show / Hide

Deployment Type:

---

Federation Type:

---

Monthly Active Users:

---

1

MAU Range:

---

Avg. Media Size (M):

---

1

Avg. Media / Day / User:

---

1

Media Retention:

---

Media Retention Days:

0

Base

Show / Hide

Name

imageName

Enabled

Standalone

microk8s

Enabled

Admin UI

synapseAdminUI

Enabled

Element Web Client

elementWeb

Enabled

Well-Known Webserver

wellknownDelegation

Enabled

Synapse

synapse

Enabled

## VOIP

Show / Hide

Jitsi

jitsi

Element Call

elementCall

livekit

## ElementX

Show / Hide

Matrix Authentication Service

matrixAuthenticationService

Sliding Sync

slidingSync

## Auditing

Show / Hide

AuditBot

pipe

AdminBot

pipe

## Data Sovereignty & Security

Show / Hide

Identity Server

sydent

Secure Border Gateway

secureBorderGateway

Matrix Content Scanner

matrixContentScanner

Push Gateway

signal

# Integrations

Show / Hide

Webhook Integrations

hookshot

GroupSync

groupsync

Integrator

integrator

Enabled

## Bridges

Show / Hide

### SIP Bridge

sipbridge

### XMPP Bridge

bifrost

### IRC Bridge

ircbridge

### Telegram Bridge

mautrixTelegram

### Skype Bridge

skypeForBusinessBridge

### WhatsApp Bridge

mautrixWhatsapp

## Minimum Resources

**vCPU (Cores)**

**Memory (MiB)**

**TOTAL**

	0
--	---

	0
--	---

## Recommended Resources

**vCPU (Cores)**

**Memory (MiB)**

**TOTAL**

	0
--	---

	0
--	---

# Resource Breakdown

Show / Hide

**vCPU (Cores)**

**Memory (MiB)**

Components

	0
--	---

	0
--	---

Postgres in Cluster

	0
--	---

	0
--	---

Operator + Updater

	0
--	---

	0
--	---

microk8s

	0
--	---

	0
--	---