

REDCOM® SIGMA® SERVER GUIDELINES

Maximize the performance of REDCOM's C2 software platform

This chart offers general recommendations for selecting the right server to run REDCOM® Sigma® software. Please contact a REDCOM solution advisor to discuss your specific situation.

	Small	Medium	Large
Number of (AS)SIP Lines	100	1,000	5,000
Number of (AS)SIP Trunks	20	200	1,000
Number of Media Engine Connections (Total combined number of conferees & C2 Console connections)	75	150	250
Processor Cores	4	8	16
RAM (GB)	4	8	16

Minimum System Requirements

- 64-bit Intel (or AMD equivalent) processor
- 2 processor cores at 1.5GHz clock speed
- 2GB of RAM
- 40GB of disk storage

Network Controller Compatibility

- Sigma works with network controllers supported by FreeBSD
- For a list of compatible network controllers, visit:
<https://www.freebsd.org/releases/12.3R/hardware/#ethernet>

Storage Recommendations

- Storage needs will vary widely depending on archival use
 - This could include stored voicemail messages, system reports, and database backups
- Use of enterprise-grade solid state drives (SSD) is recommended
- Use of Redundant Array of Independent Disks (RAID) is recommended

Assumptions:

- The G.711 codec is being used
- Encryption (TLS, SRTP, HTTPS) is not being used

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