

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

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

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>

Assumptions:

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

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ONE REDCOM CENTER, VICTOR, NY 14564, USA | 585.924.7550 | WWW.REDCOM.COM | SALES@REDCOM.COM

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