

PSAM Appendix C - Server Sizing

Here follows the Server size compared with the maximum **concurrent calls** index.

[Server Sizing.xls](#)

| | | 50 | 100 | 200 |
|---|-------------------------|-------------|-------------|-------------|
| | Total CC call | 50 | 100 | 200 |
| | Registered Users | 1000 | 2000 | 4000 |
| Only PrivateGSM 4.75 to PrivateGSM AMR 4.75 | # CORE | 1 | 1 | 2 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 1,663208008 | 3,326416016 | 6,652832031 |
| Only PrivateGSM AMR 4.75 to SIP-Trunk | # CORE | 1 | 2 | 4 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 8,613586426 | 17,22717285 | 34,4543457 |
| Only PrivateGSM AMR 4.75 to SNOM | # CORE | 2 | 4 | 8 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 3,768920898 | 7,537841797 | 15,07568359 |
| Only PrivateGSM AMR 12.2 to PrivateGSM AMR 12.2 | # CORE | 1 | 1 | 2 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 3,112792969 | 6,225585938 | 12,45117188 |
| Only PrivateGSM AMR 12.2 to SIP-Trunk | # CORE | 1 | 2 | 4 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 9,338378906 | 18,67675781 | 37,35351563 |
| Only PrivateGSM AMR 12.2 to SNOM | # CORE | 2 | 4 | 8 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 4,493713379 | 8,987426758 | 17,97485352 |
| Only SNOM-to-SIP-Trunk | # CORE | 1 | 2 | 4 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 10,71929932 | 21,43859863 | 42,87719727 |
| Only SNOM-to-SNOM | # CORE | 1 | 1 | 2 |
| | # RAM (GB) | 4 | 8 | 16 |
| | # Storage (GB) | 512 | 1024 | 2048 |
| | # BW (Mbps) | 5,874633789 | 11,74926758 | 23,49853516 |