

Appendix C - Server Sizing

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

[Server Sizing.xls](#)

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

[Appendix B - Bandwidth](#)