Table 2

Su2cor:Associativity 1

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
1K	**0.0449**				
2K	**0.0204**	**0.0137**			
4K	**0.0005**	**0.0003**	**0.0002**		
8K	**0.0004**	**0.0002**	**0.0001**	**0.0001**	
16K	**0.0001**	**0.0001**	**0.0001**	**0**	**0**
32K	**0**	**0**	**0**	**0**	**0**
64K	**0**	**0**	**0**	**0**	**0**
128K	**0**	**0**	**0**	**0**	**0**
256K		**0**	**0**	**0**	**0**
512K			**0**	**0**	**0**
1M				**0**	**0**

Data

Size	Block size(bytes)				
	16	32	64	128	256
1K	**0.3398**				
2K	**0.3187**	**0.3093**			
4K	**0.2942**	**0.2811**	**0.2790**		
8K	**0.2716**	**0.2585**	**0.2568**	**0.2616**	
16K	**0.2109**	**0.1729**	**0.1593**	**0.1590**	**0.1752**
32K	**0.1476**	**0.1081**	**0.0916**	**0.0877**	**0.0958**
64K	**0.0933**	**0.0652**	**0.0517**	**0.0466**	**0.0471**
128K	**0.0607**	**0.0426**	**0.0337**	**0.0301**	**0.0288**
256K		**0.0351**	**0.0281**	**0.0252**	**0.0357**
512K			**0.0133**	**0.0102**	**0.0084**
1M				**0.0023**	**0.0016**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
1K	**0.1595**				
2K	**0.1385**	**0.1288**			
4K	**0.1069**	**0.1025**	**0.1045**		
8K	**0.0943**	**0.0901**	**0.0887**	**0.0929**	
16K	**0.0708**	**0.0587**	**0.0526**	**0.0543**	**0.0608**
32K	**0.0528**	**0.0392**	**0.0314**	**0.0296**	**0.0319**
64K	**0.0407**	**0.0286**	**0.0212**	**0.0191**	**0.0191**
128K	**0.0308**	**0.0212**	**0.0158**	**0.0141**	**0.0135**
256K		**0.0194**	**0.0141**	**0.0125**	**0.0117**
512K			**0.0048**	**0.0037**	**0.0033**
1M				**0.0008**	**0.0006**

Su2cor:Associativity 2

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
2K	**0.0121**				
4K	**0.0004**	**0.0002**			
8K	**0.0002**	**0.0001**	**0.0001**		
16K	**0.0001**	**0.0001**	**0**	**0**	
32K	**0**	**0**	**0**	**0**	**0**
64K	**0**	**0**	**0**	**0**	**0**
128K	**0**	**0**	**0**	**0**	**0**
256K	**0**	**0**	**0**	**0**	**0**
512K		**0**	**0**	**0**	**0**
1M			**0**	**0**	**0**

Data

Size	Block size(bytes)				
	16	32	64	128	256
2K	**0.2977**				
4K	**0.2810**	**0.2672**			
8K	**0.2732**	**0.2600**	**0.2568**		
16K	**0.2062**	**0.1708**	**0.1575**	**0.1576**	
32K	**0.1436**	**0.0993**	**0.0798**	**0.0725**	**0.0816**
64K	**0.0760**	**0.0416**	**0.0246**	**0.0170**	**0.0167**
128K	**0.0503**	**0.0269**	**0.0152**	**0.0096**	**0.0077**
256K	**0.0344**	**0.0183**	**0.0101**	**0.0062**	**0.0044**
512K		**0.0135**	**0.0074**	**0.0043**	**0.0027**
1M			**0.0033**	**0.0020**	**0.0011**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
2K	**0.1085**				
4K	**0.0917**	**0.0892**			
8K	**0.0843**	**0.0822**	**0.0820**		
16K	**0.0604**	**0.0509**	**0.0466**	**0.0461**	
32K	**0.0414**	**0.0285**	**0.0222**	**0.0192**	**0.0216**
64K	**0.0247**	**0.0131**	**0.0072**	**0.0043**	**0.0041**
128K	**0.0169**	**0.0089**	**0.0049**	**0.0029**	**0.0023**
256K	**0.0116**	**0.0061**	**0.0034**	**0.0021**	**0.0015**
512K		**0.0047**	**0.0026**	**0.0015**	**0.0009**
1M			**0.0011**	**0.0007**	**0.0004**

Su2cor:Associativity 4

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
4K	**0.0004**				
8K	**0.0002**	**0.0001**			
16K	**0**	**0**	**0**		
32K	**0**	**0**	**0**	**0**	
64K	**0**	**0**	**0**	**0**	**0**
128K	**0**	**0**	**0**	**0**	**0**
256K	**0**	**0**	**0**	**0**	**0**
512K	**0**	**0**	**0**	**0**	**0**
1M		**0**	**0**	**0**	**0**

Data

Size	Block size(bytes)				
	16	32	64	128	256
4K	**0.2248**				
8K	**0.2164**	**0.1887**			
16K	**0.2088**	**0.1742**	**0.0237**		
32K	**0.1493**	**0.1046**	**0.0859**	**0.0798**	
64K	**0.0729**	**0.0385**	**0.0206**	**0.0116**	**0.0072**
128K	**0.0471**	**0.0248**	**0.0135**	**0.0076**	**0.0041**
256K	**0.0305**	**0.0162**	**0.0088**	**0.0052**	**0.0029**
512K	**0.0205**	**0.0112**	**0.0062**	**0.0036**	**0.0019**
1M		**0.0053**	**0.0033**	**0.0020**	**0.0011**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
4K	**0.0738**				
8K	**0.0670**	**0.0609**			
16K	**0.0617**	**0.0524**	**0.0483**		
32K	**0.0408**	**0.0283**	**0.0222**	**0.0194**	
64K	**0.0252**	**0.0131**	**0.0069**	**0.0040**	**0.0023**
128K	**0.0161**	**0.0085**	**0.0046**	**0.0027**	**0.0015**
256K	**0.0105**	**0.0056**	**0.0031**	**0.0019**	**0.0014**
512K	**0.0072**	**0.0039**	**0.0022**	**0.0013**	**0.0007**
1M		**0.0018**	**0.0011**	**0.0007**	**0.0004**

Su2cor:Associativity 8

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
8K	**0.0001**				
16K	**0**	**0**			
32K	**0**	**0**	**0**		
64K	**0**	**0**	**0**	**0**	
128K	**0**	**0**	**0**	**0**	**0**
256K	**0**	**0**	**0**	**0**	**0**
512K	**0**	**0**	**0**	**0**	**0**
1M	**0**	**0**	**0**	**0**	**0**

Data

Size	Block size(bytes)				
	16	32	64	128	256
8K	**0.1770**				
16K	**0.1733**	**0.1186**			
32K	**0.1511**	**0.1068**	**0.0884**		
64K	**0.0748**	**0.0395**	**0.0213**	**0.0123**	
128K	**0.0453**	**0.0239**	**0.0130**	**0.0074**	**0.0040**
256K	**0.0283**	**0.0151**	**0.0083**	**0.0049**	**0.0028**
512K	**0.0193**	**0.0107**	**0.0060**	**0.0035**	**0.0019**
1M	**0.0079**	**0.0043**	**0.0027**	**0.0017**	**0.0009**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
8K	**0.0538**				
16K	**0.0501**	**0.0352**			
32K	**0.0413**	**0.0292**	**0.0232**		
64K	**0.0255**	**0.0132**	**0.0070**	**0.0039**	
128K	**0.0156**	**0.0082**	**0.0045**	**0.0026**	**0.0015**
256K	**0.0098**	**0.0052**	**0.0029**	**0.0018**	**0.0011**
512K	**0.0068**	**0.0038**	**0.0022**	**0.0013**	**0.0007**
1M	**0.0021**	**0.0014**	**0.0009**	**0.0006**	**0.0003**