Table 8

Appsp:Associativity 1

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
1K	**0.1210**				
2K	**0.0263**	**0.0141**			
4K	**0.0101**	**0.0056**	**0.0034**		
8K	**0.0016**	**0.0009**	**0.0007**	**0.0005**	
16K	**0.0012**	**0.0007**	**0.0005**	**0.0004**	**0.0003**
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	**0.0905**				
2K	**0.0621**	**0.0605**			
4K	**0.0453**	**0.0431**	**0.0455**		
8K	**0.0358**	**0.0342**	**0.0338**	**0.0371**	
16K	**0.0290**	**0.0230**	**0.0235**	**0.0259**	**0.0378**
32K	**0.0264**	**0.0188**	**0.0148**	**0.0153**	**0.0247**
64K	**0.0249**	**0.0172**	**0.0119**	**0.0099**	**0.0146**
128K	**0.0244**	**0.0151**	**0.0095**	**0.0069**	**0.0065**
256K		**0.0146**	**0.0088**	**0.0059**	**0.0048**
512K			**0.0085**	**0.0055**	**0.0041**
1M				**0.0033**	**0.0018**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
1K	**0.1612**				
2K	**0.0781**	**0.0605**			
4K	**0.0374**	**0.0282**	**0.0257**		
8K	**0.0200**	**0.0157**	**0.0142**	**0.0159**	
16K	**0.0111**	**0.0082**	**0.0073**	**0.0081**	**0.0109**
32K	**0.0067**	**0.0047**	**0.0039**	**0.0039**	**0.0051**
64K	**0.0052**	**0.0035**	**0.0026**	**0.0024**	**0.0027**
128K	**0.0037**	**0.0023**	**0.0015**	**0.0012**	**0.0012**
256K		**0.0020**	**0.0013**	**0.0009**	**0.0008**
512K			**0.0012**	**0.0008**	**0.0007**
1M				**0.0004**	**0.0002**

Appsp:Associativity 2

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
2K	**0.0323**				
4K	**0.0060**	**0.0030**			
8K	**0.0008**	**0.0004**	**0.0002**		
16K	**0.0000**	**0.0000**	**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	**0.0516**				
4K	**0.0346**	**0.0304**			
8K	**0.0265**	**0.0207**	**0.0215**		
16K	**0.0239**	**0.0174**	**0.0173**	**0.0178**	
32K	**0.0228**	**0.0131**	**0.0086**	**0.0087**	**0.0148**
64K	**0.0227**	**0.0127**	**0.0068**	**0.0041**	**0.0042**
128K	**0.0226**	**0.0126**	**0.0066**	**0.0034**	**0.0018**
256K	**0.0225**	**0.0125**	**0.0066**	**0.0033**	**0.0017**
512K		**0.0125**	**0.0065**	**0.0033**	**0.0016**
1M			**0.0064**	**0.0033**	**0.0016**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
2K	**0.0698**				
4K	**0.0191**	**0.0125**			
8K	**0.0103**	**0.0065**	**0.0047**		
16K	**0.0044**	**0.0028**	**0.0020**	**0.0017**	
32K	**0.0033**	**0.0019**	**0.0012**	**0.0009**	**0.0009**
64K	**0.0030**	**0.0016**	**0.0009**	**0.0005**	**0.0004**
128K	**0.0029**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
256K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
512K		**0.0015**	**0.0008**	**0.0004**	**0.0002**
1M			**0.0007**	**0.0004**	**0.0002**

Appsp:Associativity 4

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
4K	**0.0061**				
8K	**0.0011**	**0.0005**			
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	**0.0337**				
8K	**0.0233**	**0.0165**			
16K	**0.0227**	**0.0130**	**0.0101**		
32K	**0.0226**	**0.0127**	**0.0083**	**0.00870**	
64K	**0.0226**	**0.0126**	**0.0067**	**0.0035**	**0.0025**
128K	**0.0225**	**0.0125**	**0.0066**	**0.0033**	**0.0017**
256K	**0.0225**	**0.0125**	**0.0066**	**0.0033**	**0.0016**
512K	**0.0225**	**0.0125**	**0.0065**	**0.0033**	**0.0016**
1M		**0.0124**	**0.0065**	**0.0033**	**0.0016**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
4K	**0.0152**				
8K	**0.0094**	**0.0055**			
16K	**0.0038**	**0.0022**	**0.0016**		
32K	**0.0029**	**0.0016**	**0.0009**	**0.0007**	
64K	**0.0029**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
128K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
256K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
512K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
1M		**0.0015**	**0.0008**	**0.0004**	**0.0002**

Appsp:Associativity 8

Instruction

Size	Block size(bytes)				
	16	32	64	128	256
8K	**0.0017**				
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	**0.0228**				
16K	**0.0226**	**0.0127**			
32K	**0.0226**	**0.0127**	**0.0067**		
64K	**0.0226**	**0.0127**	**0.0067**	**0.0034**	
128K	**0.0226**	**0.0125**	**0.0066**	**0.0033**	**0.0017**
256K	**0.0225**	**0.0125**	**0.0065**	**0.0033**	**0.0016**
512K	**0.0225**	**0.0125**	**0.0065**	**0.0033**	**0.0016**
1M	**0.0223**	**0.0125**	**0.0065**	**0.0033**	**0.0016**

Unified

Size	Block size(bytes)				
	16	32	64	128	256
8K	**0.0096**				
16K	**0.0035**	**0.0020**			
32K	**0.0029**	**0.0016**	**0.0008**		
64K	**0.0029**	**0.0015**	**0.0008**	**0.0004**	
128K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
256K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
512K	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**
1M	**0.0028**	**0.0015**	**0.0008**	**0.0004**	**0.0002**