

Table 4

Mgrid:Associativity 1				Mgrid:Associativity 2				Mgrid:Associativity 4				Mgrid:Associativity 8					
Instruction				Instruction				Instruction				Instruction					
Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)				
	16	32	64		128	256	16		32	64	128		256	16	32	64	128
1K	0.0639			0				0				0					
2K	0.0610	0.0468		0				0				0					
4K	0.0610	0.0468	0.0379	0				0				0					
8K	0.0610	0.0468	0.0379	0				0				0					
16K	0	0	0	0				0				0					
32K	0	0	0	0				0				0					
64K	0	0	0	0				0				0					
128K	0	0	0	0				0				0					0
256K	0	0	0	0				0				0					0
512K	0	0	0	0				0				0					0
1M				0				0				0					0
Data				Data				Data				Data					
Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)				
	16	32	64		128	256	16		32	64	128		256	16	32	64	128
1K	0.1522			0.0269				0.0627				0.0466					
2K	0.1067	0.1022		0.0698				0.0403				0.0466					
4K	0.0738	0.0812	0.0961	0.0587				0.0315				0.0271					
8K	0.0569	0.0430	0.0464	0.0466				0.0315				0.0234					
16K	0.0459	0.0367	0.0327	0.0435				0.0299				0.0233					
32K	0.0447	0.0355	0.0312	0.0435				0.0299				0.0233					
64K	0.0441	0.0349	0.0304	0.0435				0.0299				0.0233					
128K	0.0437	0.0302	0.0236	0.0434				0.0298				0.0232					
256K	0.0299		0.0234	0.0434				0.0298				0.0232					
512K			0.0227	0.0434				0.0287				0.0227					
1M				0.0442				0.0287				0.0221					
Unified				Unified				Unified				Unified					
Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)			Size	Block size(bytes)				
	16	32	64		128	256	16		32	64	128		256	16	32	64	128
1K	0.1578			0.0426				0.0360				0.0126					
2K	0.1389	0.1152		0.0306				0.0257				0.0299					
4K	0.1295	0.1045	0.1334	0.0249				0.0136				0.0130					
8K	0.0863	0.0551	0.0523	0.0216				0.0124				0.0113					
16K	0.0232	0.0174	0.0158	0.0216				0.0120				0.0111					
32K	0.0215	0.0153	0.0140	0.0202				0.0119				0.0109					
64K	0.0207	0.0143	0.0132	0.0199				0.0119				0.0109					
128K	0.0203	0.0124	0.0114	0.0199				0.0119				0.0109					
256K		0.0122	0.0112	0.0198				0.0119				0.0109					
512K			0.0109	0.0198				0.0119				0.0109					
1M				0.0198				0.0111				0.0107					