

Email: xqma, gene@ccs.neu.edu College of Computer and Information Science Northeastern University













Experimer	ntal Result	S	
4-ary tree size: 3.2MB L2 cache size: 512KB Number of CPUs used: 10 Size of Batch/Msg: 40KB storing 10K keys			
Method A	Method B	Method C	
95.5ns	76ns	75ns	



Prodictod	Futuro	Rasults
Predicted	гише	Results

- Memory latency: 50ns
- Memory bandwidth: 4GB/s
- Network bandwidth: 10Gb/s
- CPU speed: 10GHz

Method A	Method B	Method C
40ns	10ns	5ns

Future Trends Experimental Results:							
Method A 95.5ns	Method B 76ns	Method C 75ns					
Predicted Future Results:							
Method A	Method B	Method C					
40ns	10ns	5ns					