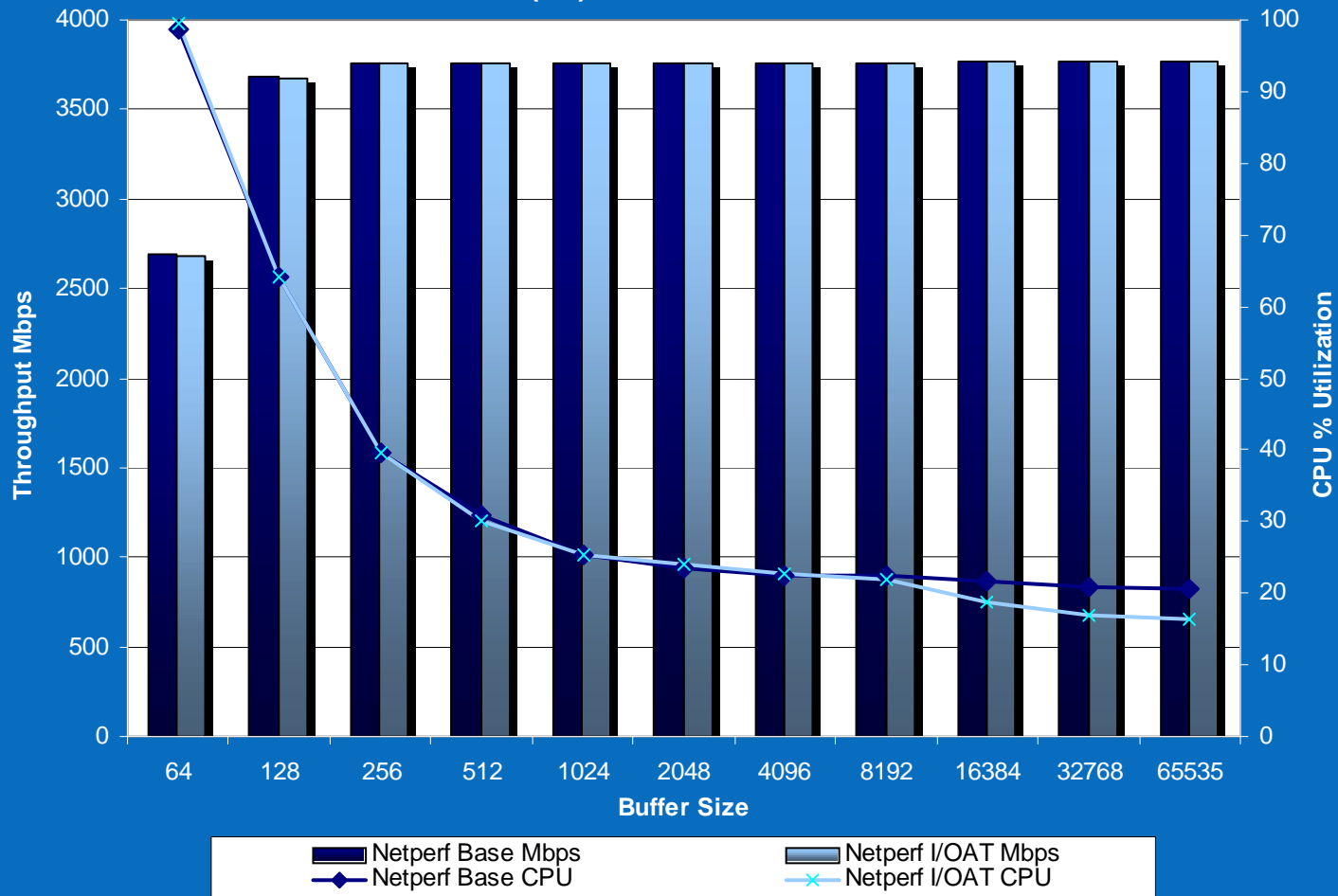


Linux Netperf Receive Variable Buffer 4 Ports

Bensley 2.6.16.1 Std. GbE vs. Intel® I/OAT v1.3
4-Ports Receive (Rx) Variable Buffer Performance Test



Test
 Netperf 2.4.1
 2 Clients Per Port Under Test
 TCP STREAM TEST
 Buffer Sizes = 64 to 64K Bytes
 60 second test iteration
 64KB Socket Size

Bensley Server
 Intel® Bridgeport CRB 55
 3.2GHz Dual Core Intel® Xeon® Processor X2
 8GB RAM (8 DIMMs)
 Linux Kernel 2.6.16.1 patched with Intel® I/OAT v1.3
 I/OAT Enabled after 8KB
 Base Driver 7.0.38

Clients
 Dell PowerEdge 1750
 2.4Ghz Intel® Xeon® Processor
 Linux 2.6.15 Kernel
 Intel® PRO/1000 MT Dual Port Adapter with Base Driver 6.1.16-k2

Network Configuration
 Cisco 6509
 Clients connected @ 1000 Mbs

Source: Intel Labs April 2006

Legal Disclaimer:

Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing. For more information on performance tests and on the performance of Intel products, visit (<http://www.intel.com/performance/resources/limits.htm>).



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Buffer Size	Base Mbps	Base CPU	Buffer Size	I/OAT Mbps	I/OAT CPU
64	2687	99	64	2683	99
128	3680	64	128	3678	64
256	3760	40	256	3760	40
512	3760	31	512	3760	30
1024	3761	25	1024	3761	25
2048	3761	24	2048	3761	24
4096	3761	22	4096	3761	23
8192	3762	22	8192	3762	22
16384	3765	22	16384	3763	19
32768	3765	21	32768	3763	17
65535	3765	21	65535	3764	16

Source: Intel Labs April 2006

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