

# Linux Tbench 4 Port CPU Utilization Intel® I/OAT (Disabled vs Enabled)

I/OAT	
Disabled	Enabled
32.78%	24.84%
32.82%	25.10%
32.48%	25.18%
32.96%	25.16%
34.51%	23.51%
34.31%	23.31%

## Test Configuration

Dbench-3.04 running Tbench tests

2 Clients per port under test

Each client simulating 200 virtual clients  
(Tbench -t 65 200 <IP of DUT>)

## Bensley Server

Intel® Bridgeport CRB 55

2x 3.2GHz Dual Core Intel® Xeon® Processor  
8GB RAM

Linux Kernel 2.6.16.1 with Intel® I/OAT

Intel® I/OAT v1.5

Linux e1000 Base Driver v7.0.38

## Clients

Dell PowerEdge 1750

2.4Ghz Intel® Xeon® processor

Windows XP Professional SP1

## Network Configuration

Cisco 6509

Clients connected @ 1000 Mbs

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Source: Intel Labs April. 2006

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