

T2micro cpu test

<https://openbenchmarking.org/result/2502266-NE-T2MICROCP62>

Current Description: Xen HVM domU 4.11.amazon testing on Ubuntu 22.04 via the Phoronix Test Suite.

New Description:

7-Zip Compression 24.05:

pts/compress-7zip-1.11.0

Test 1 of 1

Estimated Trial Run Count: 3

Estimated Time To Completion: 3 Minutes [12:54 UTC]

Started Run 1 @ 12:52:11

Started Run 2 @ 12:53:01

Started Run 3 @ 12:53:51

Test: Compression Rating:

3439

3405

3478

Average: 3441 MIPS

Deviation: 1.06%

Comparison of 2,124 OpenBenchmarking.org samples since 10 May 2024; median result: 96179 MIPS. Box plot of sample

```
[-----!-----*------*-*-*------*------]
      2 x AMD EPYC 9124: 255210 ^          2 x AMD EPYC 9275F: 507917 ^          2 x AMD EPYC 9455: 758248 ^    AMD EP
                                ARMv8 Neoverse-V2: 479851 ^                      2 x AMD EPYC 9475F
                                Intel Xeon 6780E: 464546 ^                          AMD EPYC 9845: 8577
      2 x AMD EPYC 9255: 452653 ^                      2 x Intel Xeon 6980P: 833643
```

Test: Decompression Rating:

2988

2988

2987

Average: 2988 MIPS

Deviation: 0.02%

Comparison of 2,087 OpenBenchmarking.org samples since 10 May 2024; median result: 77377 MIPS. Box plot of sample

```
[-----*****-----*-----*-----*-----*-----]
                2 x AMD EPYC 9365: 484433 ^    2 x Intel Xeon 6766E: 776612 ^ AMD EPYC 9965: 998566 ^ 2
                                2 x AMD EPYC 9475F: 762580 ^                                2 x AMD EP
                                2 x AMD EPYC 9535: 745383 ^                                2 x AMD EPYC
                                2 x AMD EPYC 7773X: 722176 ^                                2 x AMD EPYC 9565: 1021036
```

T2micro memory test

Memory test configuration 选 copy Integer

<https://openbenchmarking.org/result/2502266-NE-T2MICROME87>

NE-T2MEDIUMC07

New Description:

Started Run 3 @ 15:49:14

9885

Deviation: 2.07%

2 x AMD EPYC 9734: 748863 ^

5859

Deviation: 0.85%

2 x AMD EPYC 7773X: 722176 ^

Do you want to view the text results of the testing (Y/n): y

NE-T2MEDIUMM12

<https://openbenchmarking.org/result/2502266-NE-C5DLARGE35>

NE-CD5LARGEM13

```
[ 1] 0.0000-10.0007 sec  3.52 GBytes  3.02 Gbits/sec
```



```

... min/avg/max/mdev = 0.371/0.411/0.521/0.049 ms
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.386 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.394 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.371 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.383 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.381 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.521 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.444 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6184ms
rtt min/avg/max/mdev = 0.371/0.411/0.521/0.049 ms

```

m5.large - m5.large

```

● ubuntu@ip-172-31-18-35:~$ iperf -c 172.31.28.234 -w 256k
-----
Client connecting to 172.31.28.234, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 45888 connected with 172.31.28.234 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0073 sec 5.49 GBytes 4.71 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.283 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.258 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.257 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.264 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.255 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.262 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.257 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6176ms
rtt min/avg/max/mdev = 0.255/0.262/0.283/0.008 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

c5n.large - c5n.large

```

● ubuntu@ip-172-31-18-35:~$ iperf -c 172.31.28.234 -w 256k
-----
Client connecting to 172.31.28.234, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 36218 connected with 172.31.28.234 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0044 sec 5.68 GBytes 4.88 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.182 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.167 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.173 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.167 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.186 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.165 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.164 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6183ms
rtt min/avg/max/mdev = 0.164/0.172/0.186/0.008 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

t3.medium - c5n.large

```

● ubuntu@ip-172-31-18-35:~$ iperf -c 172.31.28.234 -w 256k
-----
Client connecting to 172.31.28.234, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 56672 connected with 172.31.28.234 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0013 sec 4.55 GBytes 3.91 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.327 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.285 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.294 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.297 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.332 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.298 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.283 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6164ms
rtt min/avg/max/mdev = 0.283/0.302/0.332/0.018 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

m5.large - c5n.large


```

● ubuntu@ip-172-31-18-35:~$ iperf -c 172.31.28.234 -w 256k
-----
Client connecting to 172.31.28.234, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 55796 connected with 172.31.28.234 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0104 sec 10.5 GBytes 8.97 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.127 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.105 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.103 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.114 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.117 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.104 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.100 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6133ms
rtt min/avg/max/mdev = 0.100/0.110/0.127/0.009 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

m5.large - t3.medium

```

● ubuntu@ip-172-31-18-35:~$ iperf -c 172.31.28.234 -w 256k
-----
Client connecting to 172.31.28.234, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 58976 connected with 172.31.28.234 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0030 sec 4.59 GBytes 3.94 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 172.31.28.234
PING 172.31.28.234 (172.31.28.234) 56(84) bytes of data.
64 bytes from 172.31.28.234: icmp_seq=1 ttl=64 time=0.658 ms
64 bytes from 172.31.28.234: icmp_seq=2 ttl=64 time=0.214 ms
64 bytes from 172.31.28.234: icmp_seq=3 ttl=64 time=0.231 ms
64 bytes from 172.31.28.234: icmp_seq=4 ttl=64 time=0.236 ms
64 bytes from 172.31.28.234: icmp_seq=5 ttl=64 time=0.227 ms
64 bytes from 172.31.28.234: icmp_seq=6 ttl=64 time=0.245 ms
64 bytes from 172.31.28.234: icmp_seq=7 ttl=64 time=0.377 ms
^C
--- 172.31.28.234 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6148ms
rtt min/avg/max/mdev = 0.214/0.312/0.658/0.150 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

N. Virginia - Oregon

```

● ubuntu@ip-172-31-22-251:~$ iperf -c 98.84.170.49 -w 256k
-----
Client connecting to 98.84.170.49, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.22.251 port 46866 connected with 98.84.170.49 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.1025 sec 38.8 MBytes 32.2 Mbits/sec
● ubuntu@ip-172-31-22-251:~$ ping 98.84.170.49
PING 98.84.170.49 (98.84.170.49) 56(84) bytes of data.
64 bytes from 98.84.170.49: icmp_seq=1 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=2 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=3 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=4 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=5 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=6 ttl=58 time=64.0 ms
64 bytes from 98.84.170.49: icmp_seq=7 ttl=58 time=64.0 ms
^C
--- 98.84.170.49 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6006ms
rtt min/avg/max/mdev = 63.987/64.009/64.031/0.015 ms
○ ubuntu@ip-172-31-22-251:~$ █

```

N. Virginia - N. Virginia

```

● ubuntu@ip-172-31-18-35:~$ iperf -c 98.84.170.49 -w 256k
-----
Client connecting to 98.84.170.49, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.18.35 port 42402 connected with 98.84.170.49 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0042 sec 5.14 GBytes 4.41 Gbits/sec
● ubuntu@ip-172-31-18-35:~$ ping 98.84.170.49
PING 98.84.170.49 (98.84.170.49) 56(84) bytes of data.
64 bytes from 98.84.170.49: icmp_seq=1 ttl=63 time=0.307 ms
64 bytes from 98.84.170.49: icmp_seq=2 ttl=63 time=0.291 ms
64 bytes from 98.84.170.49: icmp_seq=3 ttl=63 time=0.311 ms
64 bytes from 98.84.170.49: icmp_seq=4 ttl=63 time=0.294 ms
64 bytes from 98.84.170.49: icmp_seq=5 ttl=63 time=0.296 ms
64 bytes from 98.84.170.49: icmp_seq=6 ttl=63 time=0.321 ms
64 bytes from 98.84.170.49: icmp_seq=7 ttl=63 time=0.266 ms
^C
--- 98.84.170.49 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6146ms
rtt min/avg/max/mdev = 0.266/0.298/0.321/0.016 ms
○ ubuntu@ip-172-31-18-35:~$ █

```

Oregon - Oregon

```
● ubuntu@ip-172-31-22-251:~$ iperf -c 35.87.48.74 -w 256k
-----
Client connecting to 35.87.48.74, TCP port 5001
TCP window size: 416 KByte (WARNING: requested 250 KByte)
-----
[ 1] local 172.31.22.251 port 51282 connected with 35.87.48.74 port 5001
[ ID] Interval      Transfer    Bandwidth
[ 1] 0.0000-10.0016 sec 5.33 GBytes 4.58 Gbits/sec
● ubuntu@ip-172-31-22-251:~$ ping 35.87.48.74
PING 35.87.48.74 (35.87.48.74) 56(84) bytes of data.
64 bytes from 35.87.48.74: icmp_seq=1 ttl=63 time=0.197 ms
64 bytes from 35.87.48.74: icmp_seq=2 ttl=63 time=0.188 ms
64 bytes from 35.87.48.74: icmp_seq=3 ttl=63 time=0.174 ms
64 bytes from 35.87.48.74: icmp_seq=4 ttl=63 time=0.183 ms
64 bytes from 35.87.48.74: icmp_seq=5 ttl=63 time=0.185 ms
64 bytes from 35.87.48.74: icmp_seq=6 ttl=63 time=0.175 ms
64 bytes from 35.87.48.74: icmp_seq=7 ttl=63 time=0.181 ms
^C
--- 35.87.48.74 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6156ms
rtt min/avg/max/mdev = 0.174/0.183/0.197/0.007 ms
○ ubuntu@ip-172-31-22-251:~$
```