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ethmine

Intel Xeon E5-2680 v3 testing with a HUANANZHI X99-F8 GAMING (5.11 BIOS) and Gigabyte NVIDIA GeForce GTX 1050 2GB on Arch rolling via the Phoronix Test Suite.

Test Systems:

newpc

2 x Realtek RTL8111

Processor: Intel Xeon E5-2680 v3 @ 3.30GHz (12 Cores / 24 Threads), Motherboard: HUANANZHI X99-F8 GAMING (5.11 BIOS), Chipset: Intel Xeon E7 v3/Xeon, Memory: 32GB, Disk: 500GB HP SSD S700 500G + 1000GB Seagate ST1000DM003-1ER1 + 500GB SAMSUNG HD501LJ, Graphics: Gigabyte NVIDIA GeForce GTX 1050 2GB, Audio: Realtek ALC887-VD, Monitor: 2270W + LG TV, Network: 2 x Realtek RTL8111/8168/8411

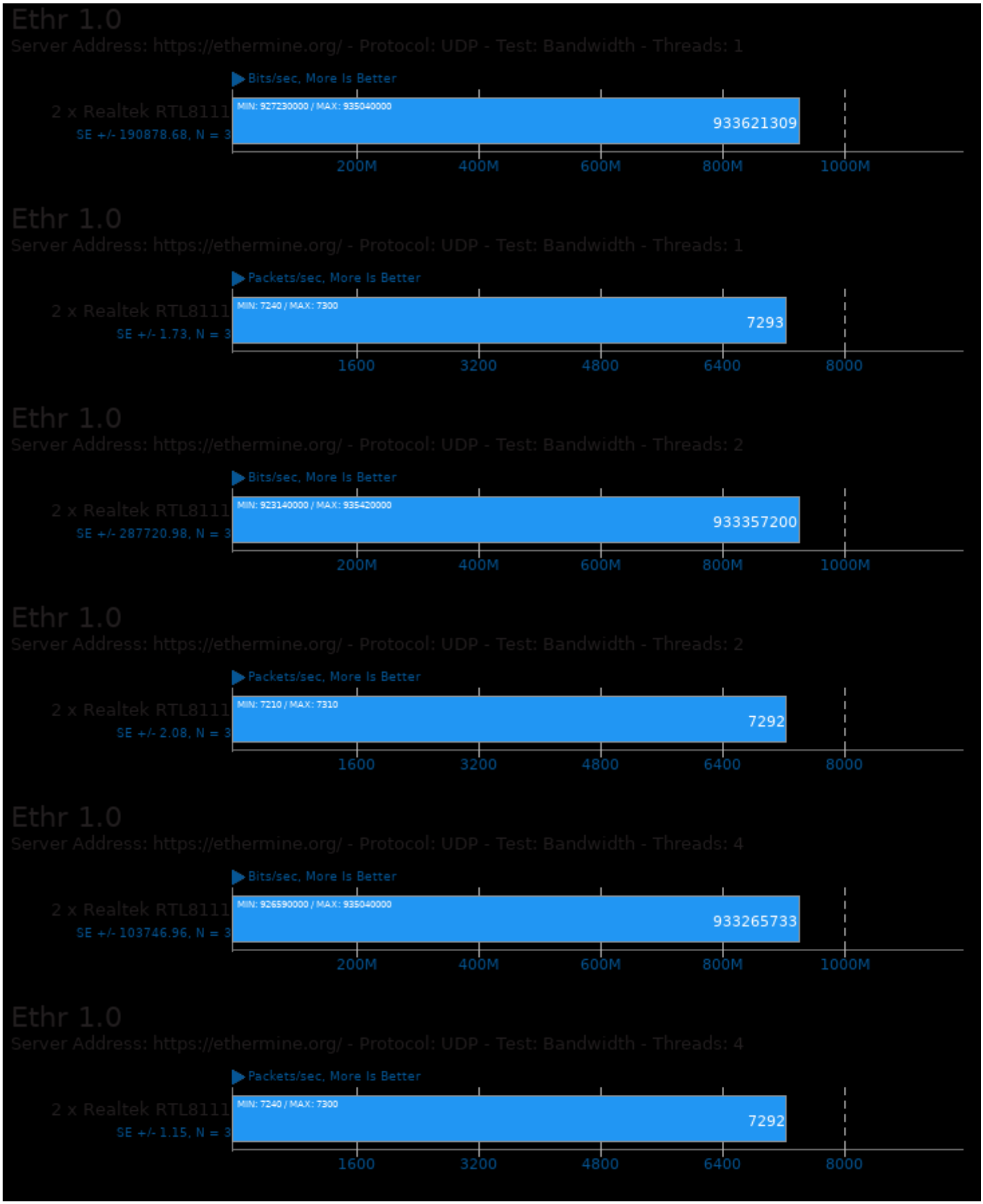
OS: Arch rolling, Kernel: 5.18.7-zen1-1-zen (x86_64), Display Server: X Server 1.21.1.3, Display Driver: NVIDIA 515.48.07, OpenGL: 4.6.0, Vulkan: 1.3.205, Compiler: GCC 12.1.0 + Clang 13.0.1 + CUDA 11.7, File-System: ext4, Screen Resolution: 1920x1080

ethmine

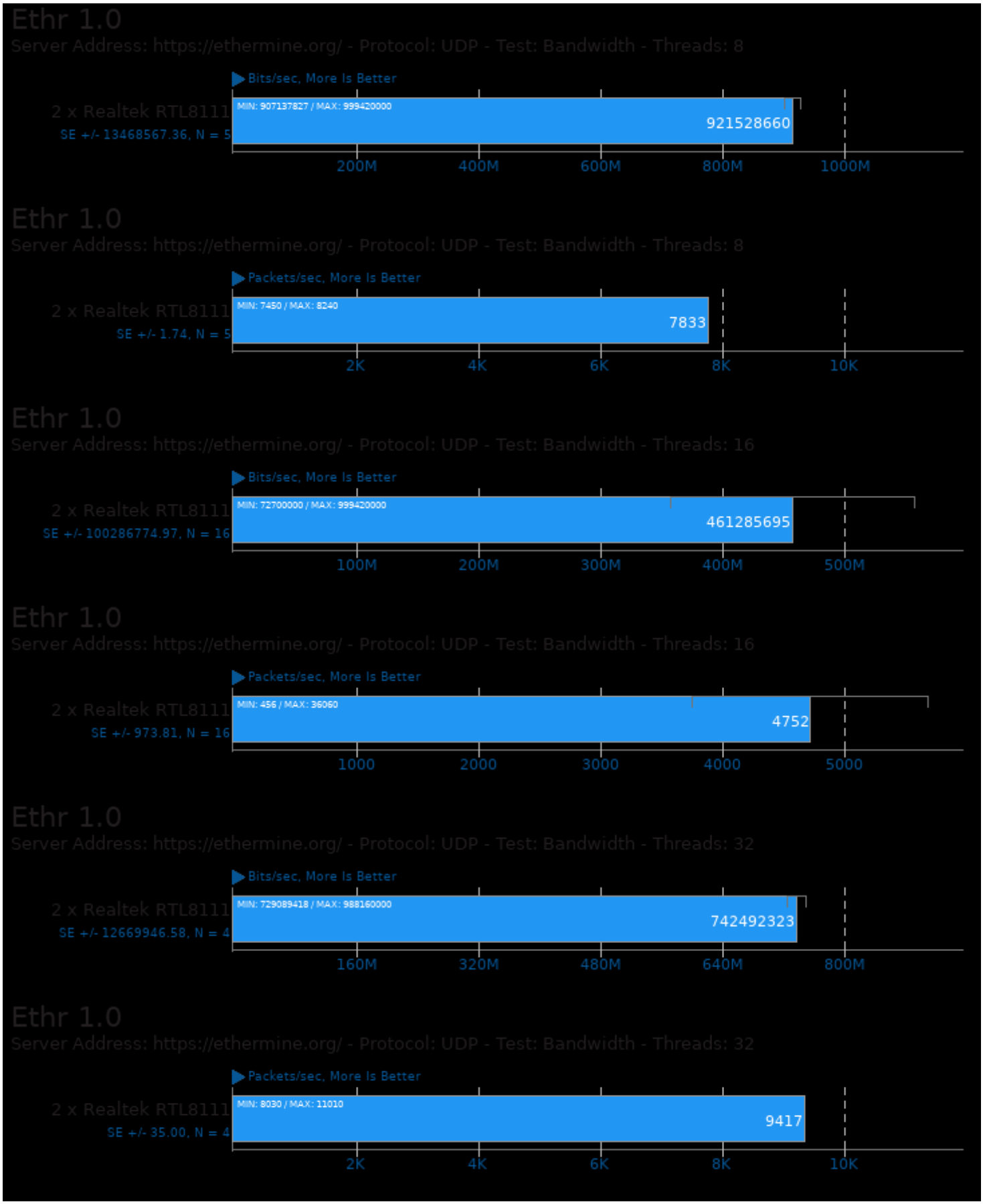
Kernel Notes: Transparent Huge Pages: always
Processor Notes: Scaling Governor: intel_cpufreq schedutil - CPU Microcode: 0x49
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + mmio_stale_data: Mitigation of Clear buffers; SMT vulnerable + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	newpc	2 x Realtek RTL8111
Ethr - https://ethermine.org/ - UDP - Bandwidth - 1 (Bits/sec)		933621309
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 1 (Packets/sec)		7293
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 2 (Bits/sec)		933357200
Standard Deviation		0.1%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 2 (Packets/sec)		7292
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 4 (Bits/sec)		933265733
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 4 (Packets/sec)		7292
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 8 (Bits/sec)		921528660
Standard Deviation		3.3%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 8 (Packets/sec)		7833
Standard Deviation		0%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 16 (Bits/sec)		461285695
Standard Deviation		87%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 16 (Packets/sec)		4752
Standard Deviation		82%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 32 (Bits/sec)		742492323
Standard Deviation		3.4%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 32 (Packets/sec)		9417
Standard Deviation		0.7%
Ethr - https://ethermine.org/ - UDP - Bandwidth - 64 (Bits/sec)		480774175
Ethr - https://ethermine.org/ - UDP - Bandwidth - 64 (Packets/sec)		11576
Standard Deviation		0.4%

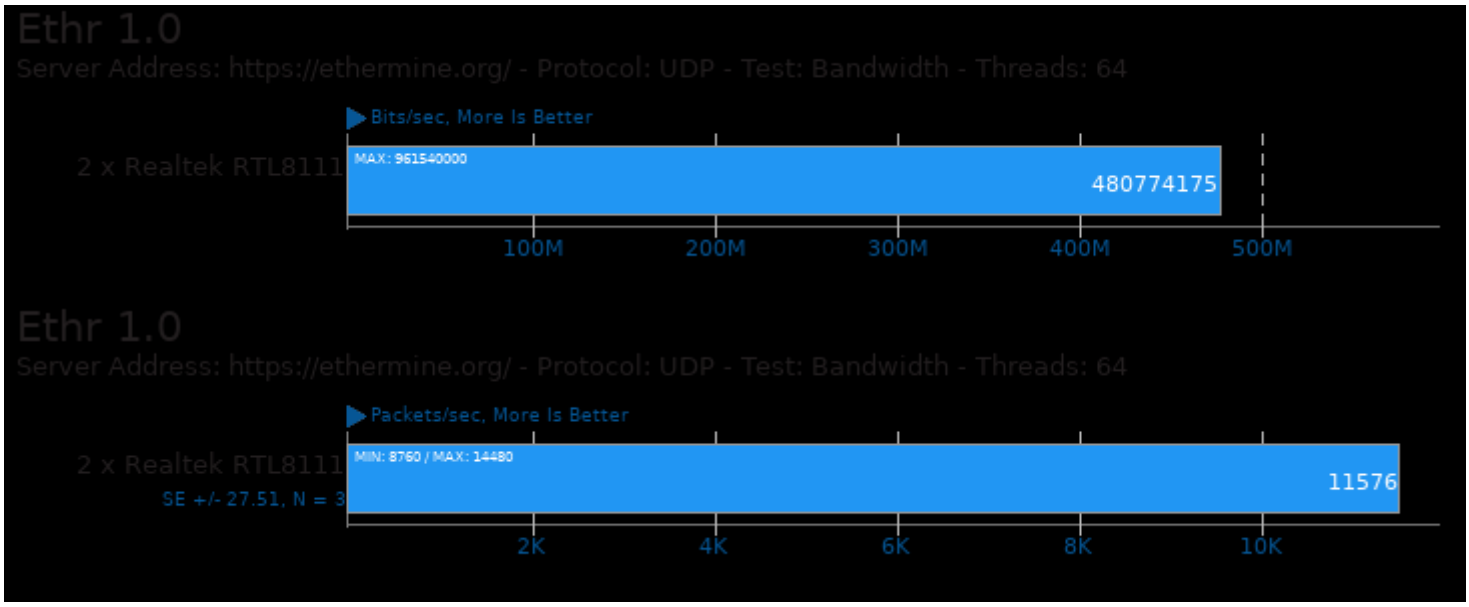
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Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 1
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 190878.68, N = 3
MIN: 927230000 / MAX: 935040000
933621309
200M
400M
600M
800M
1000M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 1
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 1.73, N = 3
MIN: 7240 / MAX: 7300
7293
1600
3200
4800
6400
8000
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 2
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 287720.98, N = 3
MIN: 923140000 / MAX: 935420000
933357200
200M
400M
600M
800M
1000M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 2
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 2.08, N = 3
MIN: 7210 / MAX: 7310
7292
1600
3200
4800
6400
8000
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 4
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 103746.96, N = 3
MIN: 926590000 / MAX: 935040000
933265733
200M
400M
600M
800M
1000M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 4
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 1.15, N = 3
MIN: 7240 / MAX: 7300
7292
1600
3200
4800
6400
8000

ethmine


Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 8
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 13468567.36, N = 5
MIN: 907137827 / MAX: 999420000
921528660
200M
400M
600M
800M
1000M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 8
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 1.74, N = 5
MIN: 7450 / MAX: 8240
7833
2K
4K
6K
8K
10K
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 16
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 100286774.97, N = 16
MIN: 72700000 / MAX: 999420000
461285695
100M
200M
300M
400M
500M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 16
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 973.81, N = 16
MIN: 456 / MAX: 36060
4752
1000
2000
3000
4000
5000
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 32
Bits/sec, More Is Better
2 x Realtek RTL8111
SE +/- 12669946.58, N = 4
MIN: 729089418 / MAX: 988160000
742492323
160M
320M
480M
640M
800M
Ethr 1.0
Server Address: https://ethermine.org/ - Protocol: UDP - Test: Bandwidth - Threads: 32
Packets/sec, More Is Better
2 x Realtek RTL8111
SE +/- 35.00, N = 4
MIN: 8030 / MAX: 11010
9417
2K
4K
6K
8K
10K

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 12:08.