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Linux 4.5 Kernel Power Use

Intel Core i7-4558U testing with a ASUS UX301LAA v1.0 and Intel Haswell-ULT IGP on Ubuntu 16.04 via the Phoronix Test Suite.

Test Systems:

Ubuntu 16.04 Linux 4.4

Processor: Intel Core i7-4558U @ 3.30GHz (4 Cores), Motherboard: ASUS UX301LAA v1.0, Chipset: Intel Haswell-ULT DRAM, Memory: 8192MB, Disk: 2 x 128GB SanDisk SD6SP1M1, Graphics: Intel Haswell-ULT IGP (1200MHz), Audio: Intel Haswell-ULT HD Audio, Monitor: LQ133T1JW14, Network: Intel Wireless 7260

OS: Ubuntu 16.04, Kernel: 4.4.0-11-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.1, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.1.2, Compiler: GCC 5.3.1 20160225, File-System: ext4, Screen Resolution: 2560x1440

Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: This was running on battery power.

Linux 4.5 Git

Processor: Intel Core i7-4558U @ 3.30GHz (4 Cores), Motherboard: ASUS UX301LAA v1.0, Chipset: Intel Haswell-ULT DRAM, Memory: 8192MB, Disk: 2 x 128GB SanDisk SD6SP1M1, Graphics: Intel Haswell-ULT IGP (1200MHz), Audio: Intel Haswell-ULT HD Audio, Monitor: LQ133T1JW14, Network: Intel Wireless 7260

OS: Ubuntu 16.04, Kernel: 4.5.0-999-generic (x86_64) 20160307, Desktop: Unity 7.4.0, Display Server: X Server 1.18.1, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.1.2, Compiler: GCC 5.3.1 20160225, File-System: ext4, Screen Resolution: 2560x1440

Processor Notes: Scaling Governor: intel_pstate powersave
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Linux 4.6 Inntel DRM-Next

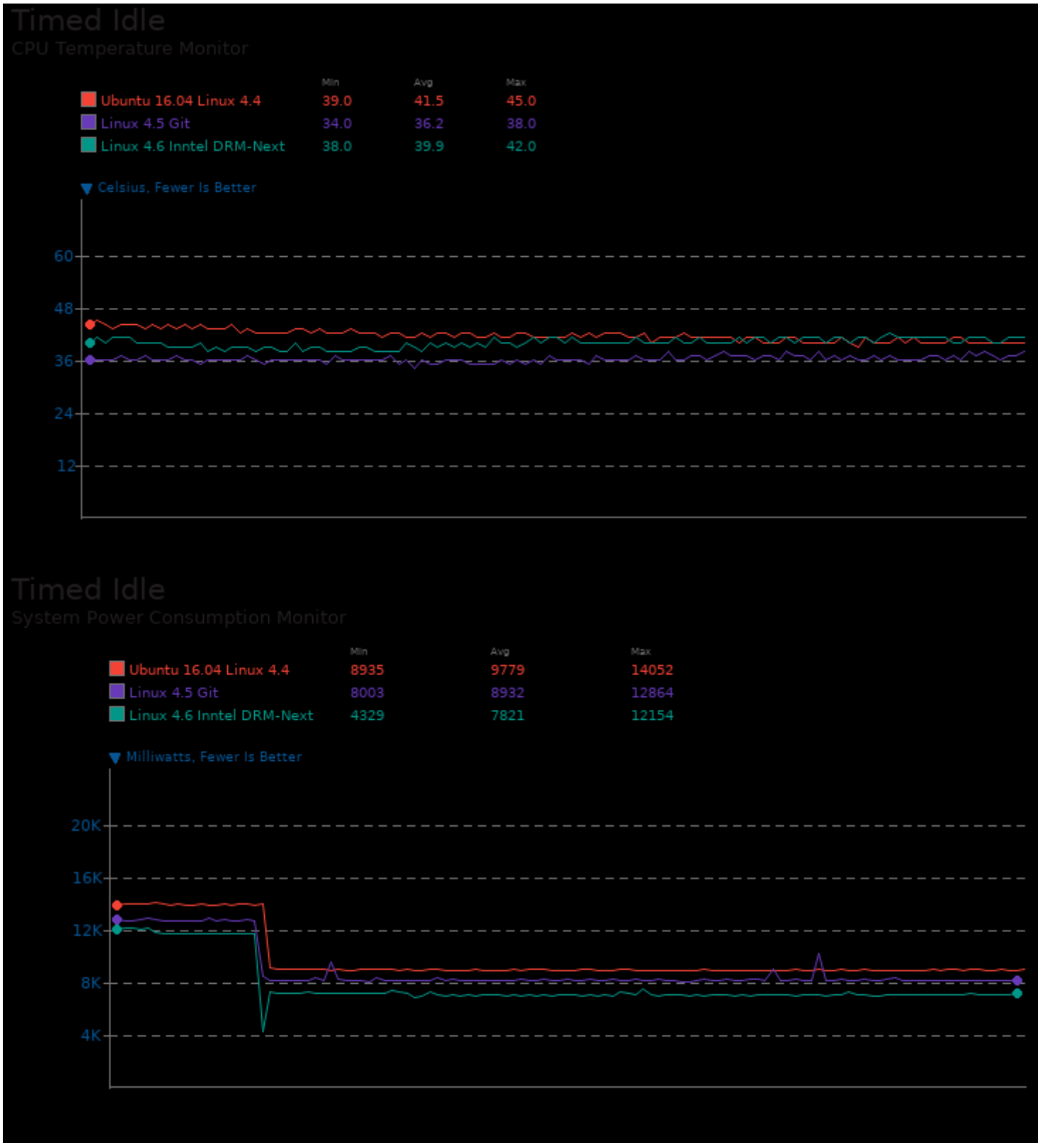
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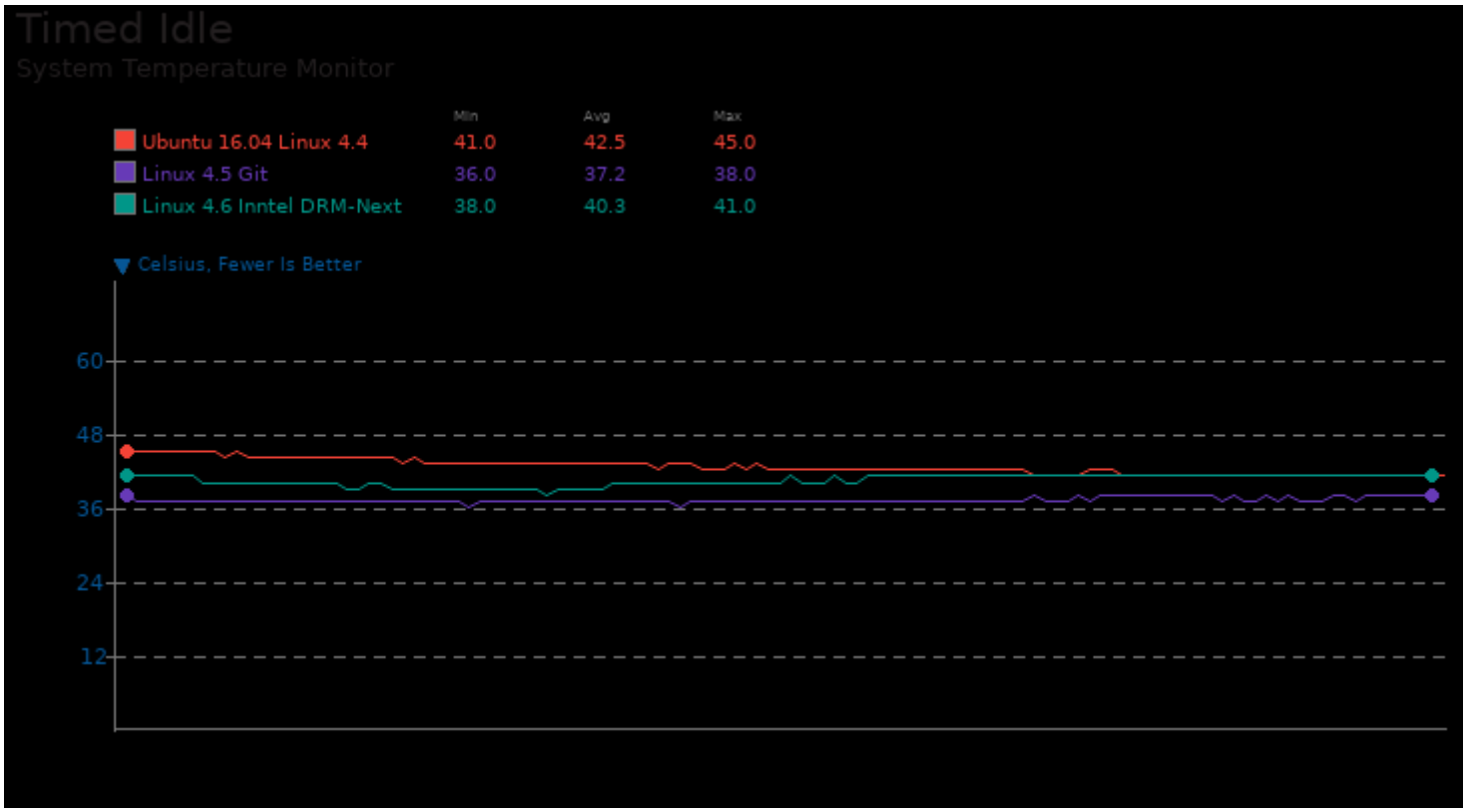
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