

## **foss market**

Public servers on the Internet

[https://en.wikipedia.org/wiki/Usage\\_share\\_of\\_operating\\_systems#Public\\_servers\\_on\\_the\\_Internet](https://en.wikipedia.org/wiki/Usage_share_of_operating_systems#Public_servers_on_the_Internet)

Technologies Overview

<https://w3techs.com/technologies>

Frequently Asked Questions

<https://w3techs.com/faq>

OS Market Share and Usage Trends

<https://web.archive.org/web/20150806093859/http://www.w3cook.com/os/summary/>

Usage of operating systems for websites

[https://w3techs.com/technologies/overview/operating\\_system/all](https://w3techs.com/technologies/overview/operating_system/all)

## **processor dies**

Intel to Keep Its Number One Semiconductor Supplier Ranking in 2020

<https://www.icinsights.com/news/bulletins/Intel-To-Keep-Its-Number-One-Semiconductor-Supplier-Ranking-In-2020/>

Top Semiconductor Sales Leaders – 1Q2020

<https://anysilicon.com/top-semiconductor-sales-leaders-1q2020/>

## **x86**

Linus Torvalds Switches To AMD Ryzen Threadripper After 15 Years Of Intel Systems

[https://www.phoronix.com/scan.php?page=news\\_item&px=Torvalds-Threadripper](https://www.phoronix.com/scan.php?page=news_item&px=Torvalds-Threadripper)

Linux 5.7-rc7

[https://lore.kernel.org/lkml/CAHk-=whan1CiRtcgBt-5SkW-ga\\_GeLH5+AO26RmK7vOA5yw9ng@mail.gmail.com/T/](https://lore.kernel.org/lkml/CAHk-=whan1CiRtcgBt-5SkW-ga_GeLH5+AO26RmK7vOA5yw9ng@mail.gmail.com/T/)

Compiling a Benchmark for RISC-V

<https://www.youtube.com/watch?v=Q0jHbGQY9u0>

CPU 2020 Benchmarks

<https://www.anandtech.com/bench/CPU-2020/2974>

## **numa**

INTRODUCTION 2016 NUMA DEEP DIVE SERIES

<https://frankdenneman.nl/2016/07/06/introduction-2016-numa-deep-dive-series/>

NUMA DEEP DIVE PART 1: FROM UMA TO NUMA

<https://frankdenneman.nl/2016/07/07/numa-deep-dive-part-1-uma-numa/>

NUMA Deep Dive Part 3: Cache Coherency

<https://frankdenneman.nl/2016/07/11/numa-deep-dive-part-3-cache-coherency/>

NUMA - Local memory

<https://stackoverflow.com/questions/7850862/numa-local-memory>

## **enterprise-class servers**

FUJITSU Server PRIMERGY

<http://www.fujitsu.com/global/products/computing/servers/primergy/>

Huawei Unveils Industry's Highest-Performance ARM-based CPU

<https://www.huawei.com/en/press-events/news/2019/1/huawei-unveils-highest-performance-arm-based-cpu>

AMD INTEGRATED ENTERPRISE SERVERS

<https://www.icc-usa.com/products/enterprise-servers/amd-integrated-enterprise-servers/>

GIGABYTE shows Cavium ThunderX2 ARM Server Portfolio  
<https://www.youtube.com/watch?v=FMviiJaPHIE>

### **enterprise-class mobos**

GIGABYTE C621 WD12 IPMI SERVER MOTHERBOARD  
<https://www.gigabyte.com/FileUpload/Global/KeyFeature/1141/index.html>

ASRock Rack E3C246D4I 2T ASPEED AST2500  
<https://www.servethehome.com/asrock-rack-e3c246d4i-2t-mitx-xeon-e-2200-review/asrock-rack-e3c246d4i-2t-aspeed-ast2500/>

ASRock Rack X570D4U 2L2T ASpeed AST2500 BMC  
<https://www.servethehome.com/asrock-rack-x570d4u-2l2t-review-amd-ryzen-server-motherboard/asrock-rack-x570d4u-2l2t-aspeed-ast2500-bmc/>

Supermicro представила две серверные материнские платы для ADM EPYC  
<https://www.hardwareluxx.ru/index.php/news/hardware/mainboards/42429-supermicro-is-launching-two-server-workstation-motherboards.html>

Supermicro X11SCL IF ASPEED AST2500 And Dual Intel LAN  
<https://www.servethehome.com/supermicro-x11scl-if-mitx-server-motherboard-review/supermicro-x11scl-if-aspeed-ast2500-and-dual-intel-lan/>

Tyan Tomcat EX: The First AM4 Ryzen Motherboard with Management Control  
<https://www.anandtech.com/show/12962/tyan-tomcat-ex-the-first-am4-ryzen-motherboard-with-management-control>

### **low-cost**

Socket AM4  
[https://en.wikipedia.org/wiki/Socket\\_AM4](https://en.wikipedia.org/wiki/Socket_AM4)

AMD Desktop CPU Share Overtakes Intel on PM for the First Time in 16+ Years  
<https://www.hardwaredtimes.com/amd-desktop-cpu-share-overtakes-intel-on-pm-for-the-first-time-in-16-years/>

### **lights-out**

Out-of-band management  
[https://en.wikipedia.org/wiki/Out-of-band\\_management](https://en.wikipedia.org/wiki/Out-of-band_management)

Intelligent Platform Management Interface  
[https://en.wikipedia.org/wiki/Intelligent\\_Platform\\_Management\\_Interface](https://en.wikipedia.org/wiki/Intelligent_Platform_Management_Interface)

Explaining the Baseboard Management Controller or BMC in Servers  
<https://www.servethehome.com/explaining-the-baseboard-management-controller-or-bmc-in-servers/>

BMC  
<https://www.gigabyte.com/Glossary/bmc>

AST2500  
[https://www.aspeedtech.com/server\\_ast2500/](https://www.aspeedtech.com/server_ast2500/)

### **unix history**

Unix  
<https://en.wikipedia.org/wiki/Unix>

Porting Linux to the DEC Alpha: The Kernel and Shell  
<https://www.linuxjournal.com/article/1178>

SVR4 or BSD?  
<https://www.unix.com/unix-for-advanced-and-expert-users/7653-svr4-bsd.html>

Jon “maddog” Hall talks Unix and Linux history  
<https://www.youtube.com/watch?v=EZMA3Ge144U>

History Of Linux  
<http://itmission.org/wiki/?n>Main.HistoryOfLinux>

Tanenbaum–Torvalds debate  
[https://en.wikipedia.org/wiki/Tanenbaum%20%93Torvalds\\_debate](https://en.wikipedia.org/wiki/Tanenbaum%20%93Torvalds_debate)

## **kernels**

Mach (kernel)  
[https://en.wikipedia.org/wiki/Mach\\_\(kernel\)](https://en.wikipedia.org/wiki/Mach_(kernel))

illumos  
<https://en.wikipedia.org/wiki/Illumos> <https://www.illumos.org/>

Comparison of OpenSolaris distributions  
[https://en.wikipedia.org/wiki/Comparison\\_of\\_OpenSolaris\\_distributions](https://en.wikipedia.org/wiki/Comparison_of_OpenSolaris_distributions)

SmartOS  
<https://en.wikipedia.org/wiki/SmartOS>

OmniOS  
<https://omniosce.org/>

## **libc**

musl libc  
<https://musl.libc.org/>

Sabotage Linux  
<https://sabotage-linux.github.io/>

Gentoo musl  
<https://wiki.gentoo.org/wiki/Project:Musl>

Adelie Linux  
<https://www.adelielinux.org/about/compare.html>

Linux libc  
[https://en.wikipedia.org/wiki/GNU\\_C\\_Library#Linux\\_libc](https://en.wikipedia.org/wiki/GNU_C_Library#Linux_libc)

Mastodon Linux  
<http://www.tsfr.org/~mastodon/>

Stali Linux  
<https://sta.li/>

Clang  
<https://wiki.gentoo.org/wiki/Clang>

## **user-lands**

Debian\_GNUkFreeBSD\_FAQ  
[https://wiki.debian.org/Debian\\_GNU/kFreeBSD\\_FAQ](https://wiki.debian.org/Debian_GNU/kFreeBSD_FAQ)

oracle/solaris-userland  
<https://github.com/oracle/solaris-userland>

The End of libc5: A Mini-Interview with H.J Lu  
[https://linuxgazette.net/issue32/tag\\_libc5.html](https://linuxgazette.net/issue32/tag_libc5.html)

Software stali uses and/or might adopt  
<https://sta.li/technologies/>

suckless linux base utils  
<https://git.suckless.org/ubase/>

suckless unix tools  
<https://git.suckless.org/sbase/>

## **init systems**

Init system  
[https://wiki.gentoo.org/wiki/Init\\_system](https://wiki.gentoo.org/wiki/Init_system)

No systemd  
<https://nosystemd.org/>

OpenRC  
<https://en.wikipedia.org/wiki/OpenRC>

Runit  
<https://en.wikipedia.org/wiki/Runit>

## **packaging systems**

The Package System  
<https://crux.nu/Main/Handbook2-3-Package>

## **unices**

List of BSD operating systems  
[https://en.wikipedia.org/wiki/List\\_of\\_BSD\\_operating\\_systems](https://en.wikipedia.org/wiki/List_of_BSD_operating_systems)

Comparison of BSD operating systems  
[https://en.wikipedia.org/wiki/Comparison\\_of\\_BSD\\_operating\\_systems](https://en.wikipedia.org/wiki/Comparison_of_BSD_operating_systems)

About MirOS  
<http://www.mirbsd.org/about.htm>

Gentoo/Alt  
[https://en.wikipedia.org/wiki/Portage\\_\(software\)#Gentoo/Alt](https://en.wikipedia.org/wiki/Portage_(software)#Gentoo/Alt)

Sun Microsystems  
[https://en.wikipedia.org/wiki/Sun\\_Microsystems](https://en.wikipedia.org/wiki/Sun_Microsystems)

SunOS  
<https://en.wikipedia.org/wiki/SunOS>

## **distributions**

Rolling release  
[https://en.wikipedia.org/wiki/Rolling\\_release](https://en.wikipedia.org/wiki/Rolling_release)

Devuan  
<https://www.devuan.org/>

Free GNU/Linux distributions  
<https://www.gnu.org/distros/free-distros.html>

NetBSD 9.0 release process has started  
<https://mail-index.netbsd.org/netbsd-announce/2019/07/31/msg000301.html>

PureOS  
<https://pureos.net/>

## **commercial**

Jul 9, 2019  
IBM Closes Landmark Acquisition of Red Hat for \$34 Billion; Defines Open, Hybrid Cloud Future

<<https://www.redhat.com/en/about/press-releases/ibm-closes-landmark-acquisition-red-hat-34-billion-defines-open-hybrid-cloud-future>>

Dec 8, 2020

CentOS Project shifts focus to CentOS Stream

<<https://blog.centos.org/2020/12/future-is-centos-stream/>>

## window managers

i3 - improved tiling wm

<https://i3wm.org/>

dwm - dynamic window manager

<https://dwm.suckless.org/>

ratpoison: Say good-bye to the rodent

<https://www.nongnu.org/ratpoison/>

Use X11 without a window manager

<https://github.com/patrickhaller/no-wm>

List of tiling window managers for X

[https://en.wikipedia.org/wiki/Tiling\\_window\\_manager#List\\_of\\_tiling\\_window\\_managers\\_for\\_X](https://en.wikipedia.org/wiki/Tiling_window_manager#List_of_tiling_window_managers_for_X)

MATE Desktop Environment

<https://mate-desktop.org/>

KDE neon

<https://neon.kde.org/>

## desktop environments

KDE update: 4.14.2. No KDE5 updates yet – devs need to get their act together

<https://alien.slackbook.org/blog/kde-update-4-14-2-no-kde5-updates-yet-devs-need-to-get-their-act-together/>

Slackware 15.0 will ship Plasma 5

<https://blog.paranoidpenguin.net/2018/02/slackware-15-0-will-ship-plasma-5/>

Tag Archives: kde5

<https://alien.slackbook.org/blog/tag/kde5/>

Distribution - Slackware Plasma 5

<http://epsi-rns.github.io/system/2018/05/30/distro-slackware-plasma5.html>