



Academic Dictionaries and Encyclopedias

Wikipedia

Interpretations

Wikipedia

PC532



PC532

The **PC532** was a "home-brew" [microcomputer](#) design created by George Scolaro and Dave Rand in 1989-90, based around the [National Semiconductor](#) NS32532 [microprocessor](#) (a member of the [NS320xx](#) series). Full hardware documentation for the design, including schematics and [PAL](#) programming data, was made freely available, and a short run (around 200) of [motherboard](#) PCBs were produced for hobbyists to populate and assemble into fully functional systems.

Hardware specifications

- PC/AT form-factor motherboard
- NS32532 CPU and NS32381 FPU (25 MHz)
- 4 to 32 MB of RAM
- National Semiconductor DP8490 [SCSI](#) host adapter
- Adaptec AIC-6250 [SCSI](#) host adapter
- Four SCN2861 DUARTs (providing 8 serial ports)
- 27256 32 kB [firmware EPROM](#)

Operating systems

The following operating systems were ported to the PC532:

MINIX

A port of [MINIX](#) 1.3 to the PC532 (sometimes referred to as **MINIX-532**) was released by Bruce Culbertson in [1990](#).

Mach

Mach 3.0 was ported to the PC532 in [1992](#) by Johannes Helander, Tero Kivinen, and Tatu Ylönen; some work was also done by them on porting a Net/2 BSD-based Mach server (*bnr2ss*) to provide BSD [UNIX](#) emulation.

NetBSD/pc532

A project to port [386BSD](#) 0.1 to the PC532, initially called **532BSD**, was started by Phil Nelson. This was integrated into the [NetBSD](#) project in [1993](#) and became NetBSD/pc532, with Nelson as the port maintainer. On January 9th, 2008, NetBSD/pc532 was dropped from the NetBSD source tree.^{[\[1\]](#)}

References

- [NetBSD/pc532 FAQ](#)

- [PC532 Notes by Julian Stacey](#)

1. [port-pc532: Death of NetBSD/pc532](#)

Categories:

- [Personal computers](#)

Wikimedia Foundation. 2010.

[Игры](#)  [Нужен реферат?](#)

← [On Play Patterns](#)

[Irvine Clifton Gardner](#) →

Look at other dictionaries:

[NS320xx](#) — The 320xx or NS32000 was a series of microprocessors from National Semiconductor (NS , Natsemi). They were likely the first 32 bit general purpose microprocessors on the market, but due to a number of factors never managed to become a major... ... *Wikipedia*

[NS320xx](#) — El 320xx o NS32000 es una serie de microprocesadores de National Semiconductor (NS , Natsemi , empresa dedicada a la creación de dispositivos analógicos y subsistemas). Probablemente fueron los primeros microprocesadores de 32 bits de propósito ... *Wikipedia Español*

[NetBSD](#) — Company / developer The NetBSD Foundation OS family Unix like Working state Current So ... *Wikipedia*

[Theo de Raadt](#) — Infobox Scientist name = Theo de Raadt image width = 160px caption = Theo de Raadt, hiking birth date = birth date and age|1968|5|19 birth place = Pretoria, South Africa residence = Calgary, Alberta, Canada nationality = Canadian field = computer ... *Wikipedia*

[NetBSD](#) — „Of course it runs NetBSD“ Basisdaten Entwickler The NetBSD Foundation ... *Deutsch Wikipedia*

[Netbsd](#) — „Of course it runs NetBSD“ Entwickler The NetBSD Foundation Version 5.0 (... *Deutsch Wikipedia*

[NetBSD](#) — 3.1 avec Enlightenment Famille BSD Type de noyau Noyau monolithique ... *Wikipédia en Français*

[Theo de Raadt](#) — Nombre Theo de Raadt ... *Wikipedia Español*

[Раадт, Тэо де](#) — Тео де Раадт Theo de Raadt Тео де Раадт в горах Дата рождения: 19 мая 1968(1968 05 19) (43 года) ... *Википедия*

[Theo de Raadt](#) — Тео де Раадт Theo de Raadt Тео де Раадт в горах Дата рождения: 19 мая 1968 года Место рождения: Претория, Южная Африка Гражданство: Канада ... *Википедия*

© Academic, 2000-2025

Contact us: [Technical Support](#), [Advertising](#)

18+



[Dictionaries export](#), created on PHP,  Joomla,  Drupal,  WordPress, MODx.