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Afterburner

?????????: g+ SuperSpeed, G Plus, HSM, 125* High Speed, Turbo G, SpeedBooster, 125M, 125 High Speed, 125* High Speed, 125 Mbit/s 802.11g.

Afterburner - ??? ?????????????????? ?????????? ?????????? Broadcom, ?????????? ? ?????????? ?????????????????, ?????????????????? ?? ?????????? ?????????????????? ?????????????? ??? 802.11g ?? 35-40% ?? ??? ?????? ? ?????????? ?????????? ?????????, ?????????????? ?? ????????? ??????.

?????? ?????????????????? ?????????? ?????????? ? ??? ?? ?????????????? ?? ?????????? ??????????????: g+ SuperSpeed (ZyXEL), G Plus ??? HSM (Belkin), 125* High Speed ??? Turbo G (Buffalo), SpeedBooster (Linksys), 125M ??? 125 High Speed ??? 125* High Speed (Asus), 125 Mbit/s 802.11g. ?????????? ?? ?????????? ?????????? ??????????, ??? ?????????, ?????????????.

????????? ??????: [Afterburner/ru](#)

?????????: [125 High Speed Mode](#) (?????)

Common Firmware Environment (CFE)

Common Firmware Environment (CFE), ?????? ??????????? "cafe", ?????????????? ?????? ?????????? ?????????????? ?? (?????????) ? ?????????????, ?????????????????? Broadcom ??? 32-?????? ? 64-?????? ?????????????? ?????? (system-on-a-chip). ?? ?????????????? ?? ?????????????? ? ?????????? ?????????? ?????????????????? ?????????????? CPU ? ??? ?????????? ?????????? ?? ?????????????? ?? ?????????? ?????????????? ?? ?????????? ??? BIOS ?? ?????????????.

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?????????: [Common Firmware Environment](#)

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????????? ??????: ????????? ???????????? **Broadcom CFE**

Cron

Cron - ??? ?????????? ?????????????? ? ?????????? Linux ? *nix. ?????????????? ??? ?????????????????? ?????????? ?????????? ? ?????????????? ??????. ?????????????? ?????????? ?????????????? ?????????????? ??????????????. ?????????? ?????? ?????? ? ??-????????????? DD-WRT ??? ?????????????? ? ?????? crontab ? ?????????????? ??????????.

????????? ??????: ????????????? CRON

?????????: cron

Dynamic Host Configuration Protocol (DHCP)

DHCP (????, Dynamic Host Configuration Protocol ? ?????????? ?????????????? ?????????? ????) ? ?????????? ??????????, ?????????????? ?????????? ?????????????? (????????????? ? ????) ?????????????????? ?????????? IP-????? ? ?????? ??????????, ?????????????? ?? ?????? ? ???? TCP/IP. ??? ?????????????????? ?????????????? ??????????-????? ??? ?????????? ?????????????? ? ?????????? DHCP ? ?????????? ?? ???? ?????? ??????????. ??? ?????????? ?????????? ?????? ?????????????? ?????????????? ??? ? ?????????? ?????????????? ??????????.

?????????: DHCP

????????? ??????: ????????????????? DHCP

MAC-?????

MAC-????? (?? ????. Media Access Control ? ?????????????? ?????????? ? ??????, ?????? Hardware Address, ?????? ?????????????? ??????) ? ?????????????? ??????????????????, ?????????????????? ?????????? ?????????? ?????????????? ??? ?????????????? ? ?????????????????? ?????? Ethernet. ?????? ?????????????????? ? ?????????????????????? ?????????? ??? 00:00:00:00:00:00 ??? 00-00-00-00-00-00. ?????? ?????????? MAC-????? - ??? ?????????????????? ??????????????, ?????????? ?????? ?????????????????? ??? ?????????????????? ?????????????????? ??????????????.

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Network Time Protocol (NTP)

NTP (Network Time Protocol) is a protocol for clock synchronization between computer systems over a network. It is a client-server protocol that synchronizes the system clocks of participating computers to a common reference clock.

NTP is implemented in many operating systems, including Linux, Windows, and macOS. It was first developed in 1970 by David L. Mills at the University of Delaware.

????????: ????????????? NTP

????????: NTP

Wake-on-LAN (WOL)

Wake-on-LAN (WOL) is a network protocol that allows a computer to be turned on or woken up from a low-power state by a network packet. This is often used for remote management of servers and workstations.

????????: ????????? ???? ? Wake-on-LAN

????????: Wake-on-LAN

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????? (Brick) - a state where a device is unusable due to a corrupted operating system or firmware.

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????????? ??????: Recover from a bad flash (?????)