



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Pi Supply



Pi-hole - The Network-Wide Ad Blocker

Pi Supply and Pi-hole have partnered together to bring you the Pi-hole Ad Blocker - a device that allows you to block all of those annoying advertisements on the internet. Since Pi-hole works at the DNS level, ads can be blocked on any device and even in apps.

Kit contains

- Pi Hole Box
- 1m Ethernet Cable - Red
- 2.5A International Power Supply Unit
- 16GB SD card with Pi Hole software
- HDMI cable

Block Over 100,000 Ad-serving Domains

Known ad-serving domains are pulled from third party sources and compiled into one list.

Block Advertisements On Any Device

Network-level blocking you to block ads in non-traditional placed such as mobile apps and smart TVs, regardless of hardware or OS.

Improve Overall Network Performance

Since ads are blocked before they are downloaded, your network will perform better.

Reduce Cellular Data Usage

Pair your Pi-hole with a VPN for on-the-go ad-blocking and save on data costs.

Monitor Performance And Statistics

The Web interface shows how many ads were blocked, a query log, and more.



API

Utilize Pi-hole's API in your scripting or programming projects.

```
{
  "domains_being_blocked":243038,
  "dns_queries_today":2385,
  "ads_blocked_today":414,
  "ads_percentage_today":17.35849,
  "unique_domains":429,
  "queries_forwarded":1537,
  "queries_cached":434,
  "clients_ever_seen":5,
  "unique_clients":5,
  "status":"enabled"
}
```

Use Pi-Hole As Your DNS Server

Configure your router's DHCP options to force clients to **use Pi-hole as their DNS server**, or manually configure each device to use the Pi-hole as their DNS server.

DHCP Server Setting

Router Name :

DHCP Server: Enabled Disabled

Start IP Address:

Maximum Number of Users:

IP Address Range:

Client Lease Time: minutes (0 means one day)

Static DNS 1: . . .

Static DNS 2: . . .

Static DNS 3: . . .

WINS: . . .

If your router doesn't let you change these settings, you can use **Pi-hole's built in DHCP server** to achieve the same effect.

Pi-hole DHCP Server

DHCP server enabled Make sure your router's DHCP server is disabled when using the Pi-hole DHCP server!

Range of IP addresses to hand out

From: To:

Router (gateway) IP address

Router:

Advanced DHCP settings +

DHCP leases -

Currently active DHCP leases

MAC address	IP address	Hostname
9C:4D:7A:00:00:00	192.168.1.39	redstone
7C:A3:8B:00:00:00	192.168.1.30	redstone
3C:8B:00:00:00:00	192.168.1.64	redstone
4C:8B:00:00:00:00	192.168.1.0	redstone
9C:4D:7A:00:00:00	192.168.1.2	redstone

Showing 1 to 10 of 10 entries Search:

Static DHCP leases configuration

MAC address	IP address	Hostname
9C:4D:7A:00:00:00	192.168.1.64	redstone
3C:8B:00:00:00:00	192.168.1.0	redstone
9C:4D:7A:00:00:00	192.168.1.2	redstone
7C:A3:8B:00:00:00	192.168.1.5	redstone
4C:8B:00:00:00:00	192.168.1.0	redstone

Showing 1 to 10 of 10 entries

Specifying the MAC address is mandatory and only one entry per MAC address is allowed. If the IP address is omitted and a host name is given, the IP address will still be generated dynamically and the specified host name will be used. If the host name is omitted, only a static lease will be added.

Block Ads Everywhere

Since Pi-hole works at the DNS level, ads can be blocked on any device and even in apps.

