

DNSBOX200

AUTHORITATIVE DNS MASTER

DNSBOX200 is typically deployed as a DNS slave for resolving recursive and authoritative DNS requests, with updates provided by a separate master appliance. It can also function as a high-performance, high-availability DHCP server. Here we look at a third deployment scenario for DNSBOX200: as an authoritative DNS master in its own right.

DNSBOX200 can be deployed as a standalone authoritative master for editing and hosting your DNS records – perfect if you have just a few small zones. You can also run recursive and/or DHCP services on the same server, while keeping them physically separate from the master to ensure security.

Using DNSBOX200 as an authoritative master is particularly useful if:

- You only have up to 50 zones and 500 records to manage, and want a more affordable option than a separate dedicated master
- You want to reduce hardware costs by consolidating multiple DNS services on one appliance

When used in master mode, you can access administration features and transfer options that provide granular control and monitoring of your DNS zones.

If you run recursive and/or DHCP services on the same server, each service will run separately in its own sandbox – so in the unlikely event that one becomes compromised, it will not impact the others.

Further security is assured thanks to support for DNSSEC-signed zones and encrypted tunnel connections to other DNS servers. Easy to deploy, it comes in a variety of hardware models making it suitable for most DHCP requirements.



DNSBOX200 is built on the ApplianSys server appliance platform. With an intuitive user interface, smart server management, a hardened operating system and sensible hardware design, you get the security, reliability and ease of use to make your life easier.

Technical Specifications

	DNSBOX210	DNSBOX220	DNSBOX230
Authoritative QPS	60,000	73,000	79,000
Ethernet (NICs)		2 x 10/100/1000	
Flash storage		1 x OS, 1 x data	
DHCP Storage		SSD	
Dimensions	19" (482.6mm) x 1.75" (44.45mm) x 10" (254mm)	19" (482.6mm) x 1.75" (44.45mm) x 17" (432mm)	



Master Control

- Ability to display, add, delete, edit, filter and search for zones
- Access to real-time and historical performance graphs
- Easy monitoring of authoritative zones
- Support for slave and stub zones
- Automated validation of DNS configuration
- IPv6 support

High Security

- Hardened Linux operating system
- Secure zone transfers with TSIG keys
- IP-secured connections to other DNS servers

Dedicated Appliance

- Faster and more secure than a general-purpose server
- Easy to configure and use
- High level of resilience and availability
- Low cost of ownership
- High return on investment

