

# 1U Rackmount DNS DHCP Server

This DNS/DHCP server is designed for use in GPRS core network solutions. The 1U rack-mountable server provides essential network services in a compact form factor.



## Overview

### High-Performance Network Infrastructure

This 1U rackmount server is engineered to provide reliable DNS and DHCP services for critical network environments. It dynamically handles IP address assignment for mobile terminals while ensuring robust domain name resolution for network routing zones. Designed for scalability, the system supports a high volume of concurrent nodes and request processing to maintain network stability.

## Technical Performance

### DNS Request Handling

**10000 per second**  
DNS Requests

### DHCP Request Handling

**60 per second**  
DHCP Requests

## Scalability

### Supported Nodes

- 1250
- 2500
- 5000
- 25000

## Physical Specifications

### Form Factor

1U Rackmount

### Accessibility Features

Front-accessible drive bays, System status indicator LEDs

## Compatibility

### Environment Compatibility

Multi-vendor network support