



a singular intelligence

## Server Platform OPI4xx Datasheet

Opteq International is acknowledged as an emerging leader in the rapidly evolving world of true network management. We operate according to an independent ethos, remaining inventive, flexible and progressive within a future focused industry. By designing, developing and manufacturing our own proprietary applications on unique hardware server platforms, we retain total control over the quality, performance and reliability of our products.

The Opteq flagship product, Opteq iQ, is the unique customised vehicle through which we measurably impact the businesses of our customers by fully capitalising on the investment made in their network. Opteq identifies the existing barriers that prevent your organisation from realising the full potential of your network architecture. The driving idea behind Opteq iQ is to get the most out of our customer's network . . . to thrive in today's fast-paced, data-intensive economy where our customers depend on the corporate network to be truly responsive and secure.

Opteq iQ is designed as a single solution to facilitate the three converging key deliverables of the network management world – Performance, Security and Management.

Singular iQ is at the core of our solutions. All of the Opteq iQ application modules reside on, and exploit the rich functionality provided by Singular iQ. With Opteq's Singular iQ, you have all the comprehensive sets of tools and utilities available to enforce true network management within your organisation.

This modular architecture fundamentally differentiates the Opteq iQ product set from its competitors and underpins Opteq's approach and philosophy towards managing network infrastructure-end-to-end management, customised for each unique installation, from one transparent solution.

# Empower...

*A comprehensive solution to the complexity of today's networking environment using one platform, one device, one interface, one solution....*

Opteq has invested heavily in developing its foundation suite, Singular iQ, which is at the core of all the solutions. All of the Opteq iQ application modules reside on and exploit the rich functionality provided by Singular iQ. Today, organizations require products that are able to provide them with a secure, simple and easy to use management interface between the system and the administrator/users. With Opteq's Singular iQ you have all the comprehensive sets of tools and utilities available to support real network management.

A fundamental element of Singular iQ and therefore the entire Opteq iQ solution is the hardware server platform upon which it resides. In this regard there is a range of custom designed and purpose built application servers to choose from. The choice between these is driven primarily by the need for capacity in terms of processing and storage as all of the hardware platforms will in fact support all of the Opteq iQ modules.

Opteq iQ is a futuristic solution to your company's current and future network management challenges. Opteq iQ will address your present requirements, and with continuous improvement, research and product development aimed specifically at keeping the total solution future-ready, you can be assured of meeting and exceeding your potential network management requirements.

Opteq develops, assembles and manufactures it's own hardware server platforms in order to maintain control over the quality, throughput, and reliability of the products that it supplies.

The following pages briefly describe the specifications of each platform together with a basic summary of some key features and performance characteristics of the Opteq iQ modules for each.

*Scalability and, flexibility with a particular focus on investment protection are all fundamental to the design of each Opteq iQ platform.*





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## Product Equipment Configuration

### Hardware OPI400

- 1 Processor –2,8 GHz Intel P4
- Memory - 512Mb
- Disk Drive 1 - 80GB EIDE

### Hardware OPI450

- 1 Processor –2,8 GHz Intel P4
- Memory – 2GB
- 2 Disk Drives - 80GB EIDE

### Common Hardware

- Dual channel IDE controller
- Dual 10/100/1000 Ethernet Adaptors
- 6 Status LED's
- 1 Full length 64bit/66Mhz PCI slots
- 3 Internal Fans
- 150 Watt power supply
- Watchdog, Temperature and FAN monitors
- Rack Mountable

### Hardware Options

- Fail-over system
- Extra LAN Ports –10/100/1000

### Basic Software

- Opteq Server Management System (singular iQ)
- Internal Firewall
- Updates and license management
- Secure SSH Server for remote support
- Secure HTTPD server for user access
- SQL server for reporting

### Specialised Software

- Bandwidth iQ
- Compress iQ
- Firewall iQ
- Web iQ
- Mail iQ
- Real Time iQ

## Product Features

- **Ambient Temperature**  
Operating: +0°C to +45°C ambient
- **Electrical Specifications**  
Input AC Voltage: 100 - 240 VAC  
Power factor correction
- **Relative Humidity**  
- 20-80%, non-condensing
- **Acoustic Noise**  
<45 dBA @ +23°C±2°C
- **Regulatory**  
Safety: UL, CE98  
Emission Control: FCC Class B

## Dimensions

- 1U Rack Mountable
- Height: 1,73 Inches (44 mm)
- Width: 16,79 Inches (426,5 mm)
- Length: 14 Inches (350 mm)
- Weight: OPI400 12 lbs & OPI450 15 lbs
- Lightweight aluminium enclosure

## Product Notes

- 200 Mbs throughput.\*
- 500 000 packets per second.\*
- Unlimited connections.
- 1 year RTF warranty standard.
- Maintenance contact options

## Product Design: 1U Rack Unit

\*Depends on hardware platform chosen

\*\* Max 2 drives

