COBALT RaQ 4
SUPERB DEVELOPER TOOL SUPPORT FOR MORE HOSTED APPLICATIONS

The Cobalt RaQ is the product that re-defined Web hosting for service providers by enabling the deployment of value-added hosting services at monthly price points low enough to create an explosion in customer adoption. Now in its fourth generation, the RaQ 4 is advancing server appliance technologies by integrating the most powerful tools and applications into a reliable, low-cost solution.
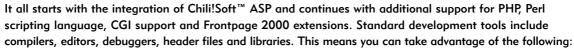
One of the most comprehensive offerings on the market, the RaQ 4 offers a full suite of Internet and application services that makes the deployment of applications and layered services over the Web quick, easy and profitable. New features in the RaQ 4 include integrated support of standard development capabilities such as Active Server Page (ASP) and PHP technologies. With the inclusion of RAID 1* (disk mirroring) and InterBase 6™ as standard features, the RaQ 4 becomes the ideal platform for deploying business-critical applications that have high requirements for reliability.

Developer Benefits:
Quick, Easy and Cost-effective Deployment of Applications
The RaQ 4 comes pre-configured with support for the world's leading development environments, giving customers everything they need to develop and deploy their Web applications. Unlike other Web application servers that tightly link the development environment to the server, the RaQ 4 lets you choose from a wide variety of development tools such as Microsoft FrontPage® 2000 and Visual InterDev®, Macromedia® Drumbeat™ or NetObjects® Fusion.

It all starts with the integration of Chili!Soft™ ASP and continues with additional support for PHP, Perl scripting language, CGI support and Frontpage 2000 extensions. Standard development tools include compilers, editors, debuggers, header files and libraries. This means you can take advantage of the following:
• Maximizing scarce developer resources.
• Improving time to market of applications.
• Protecting existing investment in cross-platform environment.
• Easily migrating your existing applications to the Cobalt platform.
• Working with a wide variety of development tools

Leverage Your Existing Skills
The tight integration of Chili!Soft ASP makes your organization's Windows® development skills relevant to the Cobalt RaQ 4 platform. With nearly 1 million ASP developers today, ASP-savvy developers are easy to find. ASP is faster and more effective for simple Web applications than Java™ or CGI, yet it is powerful enough for the most sophisticated applications. Finally, ASP's modular architecture makes all of your developer resources productive. Create business components in C++ and Java while you put it all together with VBScript or JavaScript. Best of all, the inclusion of Chili!Soft ASP lets you standardize on a single Web application solution.

Service Provider Benefits:
Industry-Leading Ease of Use
Unique to the Cobalt RaQ is the integration of application and system functions into a unified easy-to-use user interface (UI); if users don't want to deal with Linux, they don't have to. This valuable software layer enables installation in 15 minutes, so you can respond quickly to new customers – even while they are still on the phone. The browser-based UI shields the administrator from technical complexities and minimizes the need for trained staff. It also enables customer-managed systems, which reduces administration support costs.

High Reliability and Low Administration
Underpinning the RaQ's economic success is the tight integration of open-source software and focused hardware design, providing the high reliability and reduced support costs that result in fast profitability for hosting services. For added reliability requirements, such as e-commerce and other business critical application deployments, the RaQ 4 comes standard with software RAID 1* for increased data/site availability. The Cobalt RaQ 4 includes built-in software tools and monitoring agents that minimize the need for ongoing system management and support efforts, all of which greatly reduce the appliance's lifetime cost of ownership.

COBALT RaQ 4

ISP and end-user services	• **Web serving** - The Cobalt RaQ 4 server appliance offers integrated support for HTTP/1.1, Common Gateway Interface (CGI) and Perl scripting. • **Virtual domain support** - The Cobalt RaQ 4 offers name-based virtual domains (single IP address for multiple domains) or IP-based virtual domains (one IP address for each domain). • **Bandwidth Management** - On a per-IP-address basis, traffic can be limited to a pre-selected throughput rate. • **RAID 1 (*Disk Mirroring on RaQ 4r only*)** - The Cobalt RaQ 4*r* includes software RAID 1, which ensures the availability of content in the event of disk failure through data redundancy over two disks. • **SQL Database support** - The RaQ 4 integrates the InterBase open-source database, a powerful, high-performance SQL database designed for business-critical, network and Web-based applications on the Cobalt RaQ. • **Email services** - Services include mail accounts for each domain, automatic vacation responses, automatic forwarding and group mailing lists. These services can be managed by the client, minimizing the burden on the email administrator. • **Internet-standard File Transfer Protocol** - All files, from a single text article to a full web site, can be easily transferred to or from the Cobalt RaQ 4 using FTP. • **Active Server Pages (ASP) and PHP support** - Enables application and web developers to build and maintain dynamic web applications with live database connectivity. • **Development Environment** - The Cobalt RaQ 4 includes a full suite of standard development tools, including C & C++ compilers, gdb debugger, libraries, X11 libraries & PostgreSQL DBMS. ISPs or their clients can use these tools to build custom, value-added services.
Hardware	450 MHz Intel compatible processor External Ultrawide SCSI interface (40 MB/sec) Up to 512MB PC-100 SDRAM DIMMs (2 slots) LCD panel for easy setup and administration Dual Internal Ultra ATA hard drives supported PCI Slot for Expansion Dual 10/100 Base-T Ethernet network interfaces UPS Support Serial Console Interfaces USB

Software	**Software features:** **System management:**
	   Linux® 2.2 multitasking operating system 128-bit SSL Support for secure administration
	   Apache® web server, HTTP/1.1-compliant SNMP management support
	   Virtual Hosting Services: name-based and IP-based Browser-based setup wizard
	   CGI support Browser-based server management and per-site
	   Perl scripting management interfaces
	   PHP scripting Online ActiveAssist™ real-time help
	   InterBase 6 SQL Database ActiveMonitor maintenance agents
	   ChiliSoft ASP Advanced management using telnet
	   SMTP, IMAP4, POP3, APOP email protocol support Web-based performance and usage reporting
	   FTP, anonymous FTP access Browser-based backup and restore utility
	   Telnet access Browser-based software upgrade
	   DNS Server Serial port network information assignment
	   128-bit SSL **Partner Solutions:**
	   Front Page 2000 Server Extensions E-Commerce
	   NTP client support Database
	   Bandwidth Management Backup
	   Java Runtime Environment Analysis and Usage Statistics
	   Security: PAM/Shadow Passwords
	   Legato Networker™ client, Arkeia® Backup Support

Physical	Dimensions: 17 x 12.5 x 1.75 inches (43.2 x 31.8 x 4.5 cm) (fits a standard 19"-equipment rack; 1 rack-unit height) RaQ 4*r* weight: 11 lbs 3 oz (5.0 kg), RaQ 4*i* weight: 9 lbs 3 oz (4.2 kg) Power requirements: Input rating 100-240V, 50/60Hz Maximum operating power consumption: 60 watts Operating environment: 32° to 95° F (0° to 35° C) 10% to 90% humidity (non-condensing) Non-operating environment: 14° to 122° F (-10° to 50° C) 5% to 93% humidity (non-condensing) LEDs: Power, Transmit/Receive, Link, Collision, 100 Mbit, Disk Activity, Web Activity
Regulatory approvals	FCC Class B, VCCI-B, UL, C-UL, TUV, CE, Austel, BSMI/BCIQ, RRL
Ordering information	Part Number Product Configuration R46 CE2 GIU RAQ 4i with 128MB, DRAM Single 15GB IDE disk, dual ethernet, SCSI, PCI slot R46 GJ4 GIU RAQ 4i with 256MB, DRAM Single 20GB IDE disk, dual ethernet, SCSI, PCI slot R46 H30 GIU RAQ 4i with 512MB, DRAM Single 30GB IDE disk, dual ethernet, SCSI, PCI slot R46 GH8 RIU RAQ 4r with 256MB, DRAM Dual 20GB IDE disks, dual ethernet, SCSI, PCI slot R46 H60 RIU RAQ 4r with 512MB, DRAM Dual 30GB IDE disks, dual ethernet, SCSI, PCI slot

(*) available on RaQ 4r only

About Cobalt Networks

Cobalt Networks, Inc. is a leading developer of server appliances that extend the reach of the Internet by setting new standards for value, integration and ease of use. Cobalt's award-winning product line – the Cobalt Qube, Cobalt Cache, Cobalt RaQ, Cobalt NASRaQ, Cobalt ManageRaQ and StaQware – are widely deployed as Internet and web-hosting server appliances in businesses, educational institutions and Internet Service Providers (ISPs). Cobalt's solutions are delivered through a global network of distributors, value-added resellers and ISPs. Founded in 1996, Cobalt Networks Inc. (http://www.cobalt.com) is headquartered in the heart of Silicon Valley in Mountain View, California, USA, with international offices in Japan, United Kingdom, France, Netherlands and Germany.

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