COBALT RaQ 3 *MAXIMUM PROFITABILITY IN THE SMALLEST RACK SPACE*

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 third generation, the Cobalt RaQ 3 offers new capabilities to support high-traffic / complex web sites and e-commerce applications. With more power and new software features, the Cobalt RaQ 3 has established itself as the premier server appliance for hosting.

The Cobalt RaQ 3 includes a full suite of Internet services with remote administration capabilities prepackaged in a single rack-unit (1RU) industry-standard enclosure. New with the RaQ 3 is a service suite offering bandwidth management, pre-packaged exportable SSL, enhanced backup support and comprehensive site-usage reporting.

The Cobalt RaQ 3 also provides a tighter integration with partner products that further support high-traffic web portals, e-commerce and application hosting. Cobalt RaQs can be clustered for performance and fault-tolerance, and over one hundred RaQs can be managed from a central, browser-based console.

Benefits:

Breakthrough Economics

The Cobalt RaQ 3 delivers reliable performance at a significantly lower installed cost than any general-purpose server. With the Cobalt RaQ 3, you can:
  • Purchase a complete system for less than a general-purpose server
  • Install in minutes for customer responsiveness
  • Deliver more subscriber revenue per 19-inch equipment rack
  • Reduce the administration burden dramatically

More Revenue Per Rack

The Cobalt RaQ 3 is designed for use in the extremely space-conscious environment of the service provider's data center. As many as 40 Cobalt RaQ 3 server appliances can be installed in a standard equipment rack, or up to 80 when mounted on both sides. The Cobalt RaQ 3 operates at 40 watts; even in tight quarters, the result is low heat generation, which eliminates the need for special cooling.

Industry-Leading Ease of Use

Unique to Cobalt RaQ is the integration of application and system functions into a unified, easy-to-use UI (user interface). Unless users want to, they never have to deal with Linux. 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 eliminates all system 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. The Cobalt RaQ 3 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.

Open, Standards-Based Design

The Cobalt RaQ 3 includes everything needed to develop and host web sites: Apache web server, Perl scripting language, CGI support and Frontpage 2000 extensions. Standard development tools include compilers, editors, debuggers, header files and libraries. More importantly, the Linux open-source standards make the Cobalt RaQ 3 an excellent choice for e-commerce and application hosting.

COBALT RaQ 3

ISP and end-user services	* **Web serving** - The Cobalt RaQ 3 server appliance offers integrated support for HTTP/1.1, Common Gateway Interface (CGI) and Perl scripting. * **Email services** - Services include unlimited 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 3 using FTP. * **Virtual domain support** - The Cobalt RaQ 3 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 amount. * **Development Environment** - The Cobalt RaQ 3 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	Intel-compatible processor 512KB L2 Cache Up to 512MB PC-100 SDRAM DIMMs (2 slots) Internal Ultra ATA hard drive Dual 10/100 Base-T Ethernet network interfaces* Dual Serial Console Interfaces External Ultra-wide SCSI interface (40 MB/sec)* LCD panel for easy set-up and administration PCI Slot for Expansion* UPS Support USB *Standard equipment on RaQ 3i configurations*
Software	**Software features:** 　Linux® 2.2 multitasking operating system 　Apache® 1.3.6 web server, HTTP/1.1-compliant 　Virtual Hosting Services: name-based and 　　IP-based 　CGI support 　Perl scripting 　SMTP, IMAP4, POP3, APOP email protocol 　　support 　FTP, anonymous FTP access 　Telnet access 　Domain Name Server 　56-bit SSL 　Front Page 2000 Server Extensions 　NTP client support 　Bandwidth Management 　Java Runtime Environment 　Security: PAM/Shadow Passwords 　Legato Networker client, Arkeia Backup Support **System management:** 　SSL Support for secure administration 　SNMP management support 　Browser-based setup wizard 　Browser-based server management and per-site 　　management interfaces 　Online ActiveAssist™ real-time help 　ActiveMonitor maintenance agents 　Advanced management using Telnet 　Web-based performance and usage reporting 　Browser-based backup and restore utility 　Browser-based software upgrade **Partner Solutions:** 　E-Commerce 　Database 　Backup 　Analysis and Usage Statistics
Physical	Dimensions: 17.00 x 12.50 x 1.75 inches (43.2 x 31.8 x 4.5 cm) (fits a standard 19"-equipment rack; single rack-unit height) Weight: 9 lbs 3 oz (4.2 kg) Power requirements: Input rating 100-240V, 50/60Hz Maximum power consumption: 50 watts Operating environment: 32° to 108° F (0° to 40° 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** R39 384 HIU　　　RaQ 3 with 32MB DRAM, 8.4 GB IDE disk, single ethernet R39 684 HIU　　　RaQ 3 with 64MB DRAM, 8.4 GB IDE disk, single ethernet R39 CC0 HIU　　　RaQ 3 with128MB DRAM, 13 GB IDE disk, single ethernet R39 6C0 GIU　　　RaQ 3i with 64MB DRAM, 13 GB IDE disk, dual ethernet, SCSI, PCI slot R39 CC0 GIU　　　RaQ 3i with 128MB DRAM, 13 GB IDE disk, dual ethernet, SCSI, PCI slot R39 GE2 GIU　　　RaQ 3i with 256MB DRAM, 15.2 GB IDE disk, dual ethernet, SCSI, PCI slot R39 HJ4 GIU　　　RaQ 3i with 512MB DRAM, 20.4 GB IDE disk, dual ethernet, SCSI, PCI slot

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 and Cobalt NASRaQ – 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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