



HP Integrity servers

Family guide



Table of contents

HP Integrity servers: introduction	3
HP Integrity servers: entry-class	4
HP Integrity servers: mid-range	6
HP Integrity servers: high-end	7
Related HP products: software	9
Related HP products: storage	9
Related HP Options	10
Related HP Services	10
A complete solution for your evolving business	11
Flexible financing for lower costs and easier purchasing	12
HP Factory Express: the fastest way to deployment.	12
The right partner	12
For more information	12

Make your business computing more flexible, simple, reliable – and cost-effective

If you are an IT manager, you are juggling a lot of challenges. Business units are demanding higher service levels. Mergers and restructurings may require rapid systems integration as well as database and server consolidation. Security is a growing concern.

You are probably trying to meet these challenges with a complex infrastructure that is already supporting tens, hundreds, or even thousands of applications. You may be running a wide array of servers, including both outdated and under-utilised machines. You may also be under pressure to meet ambitious new goals while cutting costs and conserving valuable floor space.

HP Integrity servers offer a flexible, reliable, simple and cost-effective solution. We designed our newest line of servers to help you accomplish your business goals and earn a higher return on your IT investment. The Integrity family of servers does this by delivering:

- **Flexible capacity** – Lets you focus server capacity on your highest-priority business needs with advanced virtualisation. Helps you scale rapidly as your business grows – and respond to changes in real time.
- **Secured availability** – Helps you keep business-critical applications up and running while you safeguard sensitive business and customer data.
- **Simplified management** – Makes it easier to manage your IT environment and do more for less. Simplified management can help you consolidate IT operations, boost productivity and get more out of your data centres.

The Integrity server family:

- **Entry-class Integrity servers (rx2660, rx3600, rx4640, rx6600 and BL860c)** offer the price/performance your growing business and technical computing demand. They are flexible and fit easily into diverse environments that include multiple server types and operating systems.
- **Mid-range Integrity servers (rx7640 and rx8640)** offer high-end functionality at a mid-range price. They are ideal for multi-OS consolidation projects and for rapidly scaling your environment. They also provide high availability as well as processing power for your compute-intensive tasks.
- **High-end Integrity servers (Superdome)** offer superior scalability, performance and availability for the most demanding environments. For large-scale consolidation projects, they provide very strong virtualisation capabilities combined with long-term investment protection.

The HP portfolio

HP is committed to meeting your exact needs, whether what you need is a departmental server, an enterprise data centre, or anything in-between. This commitment has led more customers to choose HP servers than any other vendor's servers.* Our range includes:

- **HP Integrity servers** – the premier choice for your most demanding workloads and applications, running HP-UX, Microsoft® Windows® Server 2003, OpenVMS and Linux.
- **HP ProLiant servers** – the world's top-selling industry-standard servers*, offer a superior platform for your mainstream 32-bit and emerging 64-bit x86 applications.
- **HP BladeSystem solutions** – consolidate and streamline your server infrastructure. Supporting 8 to 16 ProLiant and Integrity server blades in a 17-inch box, it brings together server and storage blades, networking, power and cooling, and management tools, all in an efficient, modular design.
- **HP Integrity NonStop servers** – ideal when user service levels are paramount. They deliver high levels of availability, fail-safe data integrity and linear scalability for ultimate business continuity.

To gain the full value from your investments, you also need:

- **Services** – from training and basic product support to selective outsourcing, services help you keep your environment up and running and realise the full potential of your technology
- **Virtualisation software** – allows you to pool and share resources to optimise utilisation so that your IT supply meets the demands of your business automatically. All HP Integrity servers support the HP Virtual Server Environment (VSE).
- **Management software** – allows you to align IT with business needs, automate error-prone processes and optimise your infrastructure
- **Network and direct-attached storage devices** – help you keep large amounts of information protected and readily accessible to people when needed
- **Server options** – including memory, disks, processors, racks, and power and cooling – help optimise your solution by enhancing system performance and functionality

*Source: IDC Worldwide Quarterly Server Tracker, November 2006

HP Integrity servers: entry-class

Providing the flexibility you need for diverse workloads, multiple operating environments and future business growth – all at the price/performance your business demands

Entry-class

New



HP Integrity BL860c Server Blade
Robust value and virtualisation of Integrity systems coupled with the efficiency of blades

New



HP Integrity rx2660 Server
Entry-class value with incredible flexibility and high performance/watt

Updated



HP Integrity rx3600 Server
Powerful, scalable entry system for demanding database and application performance

Processors supported	Intel® Itanium® 2 processor 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache 1.6 GHz (single-core) with 6 MB cache	Intel Itanium 2 processor 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache 1.6 GHz (single-core) with 6 MB cache	Intel Itanium 2 processor 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache 1.4 GHz (dual-core) with 12 MB cache
Number of processors	1–2	1–2	1–2
Maximum number of cores	4	4	4
Scalable processor chipset	zx2	zx2	zx2
Operating systems supported	HP-UX 11i v3 ^{1,2} and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition ² Red Hat Enterprise Linux AS/ES 4 and Novell SUSE Linux Enterprise Server 10 OpenVMS v8.3 ^{1,2}	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition Red Hat Enterprise Linux AS/ES 4 and Novell SUSE Linux Enterprise Server 10 ⁴ OpenVMS v8.3 ¹	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition Red Hat Enterprise Linux AS/ES 4 and Novell SUSE Linux Enterprise Server 10 OpenVMS v8.3 ¹
Maximum memory	48 GB	32 GB	96 GB
I/O slots	3 BladeSystem mezzanine form factor I/O slots Core I/O includes 2 dual-port Gigabit Ethernet (total 4)	3	8
Internal hard disk drives	2	8	8
Management	HP Systems Insight Manager, HP Integrity iLO 2	HP Systems Insight Manager, HP Integrity iLO 2	HP Systems Insight Manager, HP Integrity iLO 2
Rack height (EIA unit)	N/A	2	4

Related HP products, options and services

Storage	Enterprise Virtual Array 4000 Modular Smart Array 1500	Modular Smart Array 1500 Enterprise Virtual Array 4000	Modular Smart Array 1500 Enterprise Virtual Array 4000
Software	HP Virtual Server Environment HP OnlineJFS	HP Virtual Server Environment HP OpenView GlancePlus Pak	HP Virtual Server Environment HP Mirrordisk/UX
Services	HP Proactive 24 Service ³ HP Critical Service ³	HP Proactive 24 Service HP Critical Service	HP Proactive 24 Service HP Critical Service
Hardware options	4 GB Fibre Channel adapters 4X InfiniBand adapters	10000 G2 Series rack 2 Gb Fibre Channel and Gigabit Ethernet multi-function adapters	10000 G2 Series rack 4 Gb Fibre Channel adapters

¹ Choice of Mission Critical, Enterprise, or Foundation Operating Environment

² Support planned in 2H 2007

³ All blades within a single HP BladeSystem enclosure must be at the same service level.

⁴ Available in 2Q 2007

HP Integrity servers: entry-class

Providing the flexibility you need for diverse workloads, multiple operating environments and future business growth – all at the price/performance your business demands

Entry-class

Updated



HP Integrity rx4640 Server

4-processor workhorse with simple upgrade path for HP 9000 customers

Updated



HP Integrity rx6600 Server

Highly expandable platform for workload consolidation and virtualisation

Processors supported	Intel Itanium 2 processor 1.6 GHz (dual-core) with 24 MB cache 1.6 GHz (dual-core) with 18 MB cache	Intel Itanium 2 processor 1.6 GHz (dual-core) with 24 MB cache 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache
Number of processors	1–4	1–4
Maximum number of cores	8	8
Scalable processor chipset	zx1	zx2
Operating systems supported	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition Red Hat Enterprise Linux AS 4 and Novell SUSE Linux Enterprise Server 9 and 10 OpenVMS v8.3 ¹	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition Red Hat Enterprise Linux AS 4 and Novell SUSE Linux Enterprise Server 10 OpenVMS v8.3 ¹
Maximum memory	128 GB	192 GB
I/O slots	6	8
Internal hard disk drives	2	16
Management	HP Systems Insight Manager, HP Integrity iLO	HP Systems Insight Manager, HP Integrity iLO 2
Rack height (EIA unit)	4	7

Related HP products, options and services

Storage	Enterprise Virtual Array 6000 Enterprise Virtual Array 4000	Enterprise Virtual Array 6000 Enterprise Virtual Array 4000
Software	HP Virtual Server Environment HP OpenView GlancePlus Pak	HP Virtual Server Environment HP Serviceguard
Services	HP Critical Service HP Proactive 24 Service	HP Critical Service HP Proactive 24 Service
Hardware options	10000 G2 Series rack 2 Gb Fibre Channel and Gigabit Ethernet multi-function adapters	10000 G2 Series rack 4 Gb Fibre Channel adapters

¹ Choice of Mission Critical, Enterprise, or Foundation Operating Environment

HP Integrity servers: mid-range

Flexible, available servers for your business computing needs, incorporating high-end functionality in the mid-range market – perfect for multi-OS consolidation, scale-up and performance applications

Mid-range

Updated



HP Integrity rx7640 Server
Excellent performance and compute density for data centre applications

Updated



HP Integrity rx8640 Server
Ideal platform for scale-up, performance and server consolidation workloads with low total cost of ownership

Processors supported	Intel Itanium 2 processor 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache 1.6 GHz (single-core) with 6 MB cache	Intel Itanium 2 processor 1.6 GHz (dual-core) with 24 MB cache 1.6 GHz (dual-core) with 18 MB cache 1.4 GHz (dual-core) with 12 MB cache 1.6 GHz (single-core) with 6 MB cache
Number of processors	2–8	2–16
Maximum number of cores	16	32
Scalable processor chipset	sx2000	sx2000
Operating systems supported	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition and Datacenter Edition Red Hat Enterprise Linux ² AS 4 and Novell SUSE Linux Enterprise Server ² 10 OpenVMS v8.3 ^{1,2}	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition and Datacenter Edition Red Hat Enterprise Linux ² AS 4 and Novell SUSE Linux Enterprise Server ² 10 OpenVMS v8.3 ^{1,2}
Maximum memory	128 GB	256 GB
I/O slots	15	16 (32 with SEU-2 ³)
Internal hard disk drives	4	4 (8 with SEU-2 ³)
Hard partitions (nPars)	1–2	1–2 (1–4 with SEU-2 ³)
Management	HP Systems Insight Manager, Management Processor	HP Systems Insight Manager, Management Processor
Rack height (EIA unit)	10	17 (26 with SEU-2 ³)

Related HP products, options and services

Storage	XP10000 Disk Array Enterprise Virtual Array 8000	XP12000 Disk Array Enterprise Virtual Array 8000
Software	HP Virtual Server Environment HP Serviceguard Storage Management Suite	HP Virtual Server Environment HP Serviceguard Storage Management Suite
Services	HP Critical Service HP Proactive 24 Service	HP Critical Service HP Proactive 24 Service
Hardware options	Instant Capacity (iCAP) processors Temporary Instant Capacity (TiCAP) for processors	Instant Capacity (iCAP) processors Temporary Instant Capacity (TiCAP) for processors

¹ Choice of Mission Critical, Enterprise, or Foundation Operating Environment

² Linux and OpenVMS supported only on Integrity rx7640 and rx8640 Servers with Dual-Core Intel Itanium 2 processors

³ SEU-2 = Server Expansion Unit 2

HP Integrity servers: high-end

For enterprise-class customers who require superior single-system high availability, leading price/performance, strong virtualisation and long-term investment protection for consolidating their demanding multi-OS applications

High-end

Updated



Updated



HP Integrity Superdome

Scalability and virtualisation ideal for enterprise consolidation

HP Integrity Superdome

Top scalability and virtualisation for larger enterprise consolidation requirements

Processors supported	Intel Itanium 2 processors 1.6 GHz (dual-core) with 24 MB cache 1.6 GHz (dual-core) with 18 MB cache 1.6 GHz (single-core) with 9 MB cache	Intel Itanium 2 processors 1.6 GHz (dual-core) with 24 MB cache 1.6 GHz (dual-core) with 18 MB cache 1.6 GHz (single-core) with 9 MB cache
Number of processors	2–32	6–64
Maximum number of cores	64	128
Scalable processor chipset	sx2000	sx2000
Operating systems supported	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition and Datacenter Edition Red Hat Enterprise Linux ² AS 4 and Novell SUSE Linux Enterprise Server ² 10 OpenVMS v8.3 ^{1,2}	HP-UX 11i v3 ¹ and HP-UX 11i v2 ¹ Microsoft Windows Server 2003, Enterprise Edition and Datacenter Edition Red Hat Enterprise Linux ² AS 4 and Novell SUSE Linux Enterprise Server ² 10 OpenVMS v8.3 ^{1,2}
Maximum memory	1 TB	2 TB
I/O slots	96 (with I/O expansion)	192 (with I/O expansion)
Internal hard disk drives	N/A	N/A
Hard partitions (nPars)	1–8	1–16
Management	HP Systems Insight Manager	HP Systems Insight Manager
Rack height (EIA unit)	N/A	N/A

Related HP products, options and services

Storage	XP12000 Disk Array Enterprise Virtual Array 8000	XP12000 Disk Array Enterprise Virtual Array 8000
Software	HP Virtual Server Environment HP Continentalclusters	HP Virtual Server Environment HP OpenView Operations for UNIX [®]
Services	Three pre-defined support service levels: <ul style="list-style-type: none"> • Critical Service Solution • Proactive Service Solution • Foundation Service Solution 	Three pre-defined support service levels: <ul style="list-style-type: none"> • Critical Service Solution • Proactive Service Solution • Foundation Service Solution
Hardware options	Instant Capacity (iCAP) cells, processors and memory Global Instant Capacity (GiCAP)	Instant Capacity (iCAP) cells, processors and memory Global Instant Capacity (GiCAP)

¹ Choice of Mission Critical, Enterprise, or Foundation Operating Environment

² Linux and OpenVMS supported only on Integrity Superdome Servers with Dual-Core Intel Itanium 2 processors

HP Integrity server family

HP Integrity BL860c Server



HP Integrity rx2660 Server



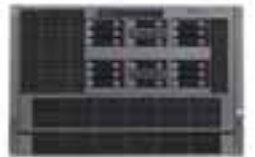
HP Integrity rx3600 Server



HP Integrity rx4640 Server



HP Integrity rx6600 Server



HP Integrity rx7640 Server



HP Integrity rx8640 Server



HP Integrity Superdome



HP Integrity Superdome



Related HP products

Comprehensive solutions for the Integrity server platform

HP Software

Description

Virtualisation

HP Virtual Server Environment (VSE)	Creates virtual servers that can automatically grow and shrink based upon service-level objectives set for each application they host. Through tight integration with partitioning, high availability and utility pricing the HP VSE allows you to optimise your server utilisation in real time.
HP Integrity Virtual Machines*	Improves utilisation by allowing several virtual machines to share a single CPU and I/O resources. Each virtual machine runs its own guest operating system instance and provides complete software isolation.
HP Virtual Partitions (vPars)*	Improves utilisation by allowing multiple HP-UX instances to share one server or hard partition. Each vPar runs its own copy of HP-UX and provides complete software isolation.
HP Integrity Essentials Capacity Advisor*	Simulates placement of application workloads to help IT administrators improve server utilisation through an easy to use tool for ongoing capacity planning. Its 'what if' resource modelling capabilities present multiple outcomes that let you choose the configurations that best fit your business needs.
HP Integrity Essentials Virtualisation Manager*	Reduces complexity by providing unified visualisation and management of physical and virtual servers. It enables you to graphically visualise and configure how your virtual resources are being used and how they map to your physical infrastructure.
HP Integrity Essentials Global Workload Manager*	Allocates server resources automatically so that the highest-priority applications get the resources they need. Designed for multi-system, multi-OS Integrity server environments, it is ideal for large, centralised IT environments that host applications for many departments.

Availability

HP Serviceguard*	Protects mission-critical applications from hardware and software failures by organising multiple servers and/or server partitions into an enterprise cluster that delivers highly available application services to LAN-attached clients. HP Serviceguard monitors the health of each node and rapidly responds to failures to decrease or eliminate application downtime. Serviceguard can be integrated into a VSE to preserve availability in virtualised environments.
HP Serviceguard Storage Management Suite	Combines the power of the #1 high-availability UNIX solution, HP Serviceguard, HP VSE and Symantec's VERITAS Storage Foundation into a comprehensive, highly available clustering and file management solution for HP-UX 11i.
HP Continentalclusters	Provides the highest level of availability and business continuity for enterprise data centres and is HP's disaster-tolerant solution for unlimited distances. This solution is built upon HP's foundation clustering software, HP Serviceguard.
HP Mirrordisk/UX	Prevents data loss due to disk failures by maintaining up to three copies of data on separate disks. Applications can continue to have access to data even after a single disk failure, and on-line backups can be performed to avoid user and application disruption.
HP OnlineJFS	Provides on-line management of the Journaled File System (JFS). Using JFS instead of the UNIX file system enables high data integrity and fast file-system recovery. With the addition of HP OnlineJFS, reliable file-system administration can take place dynamically without interrupting user access to the data resources.

Management

HP Systems Insight Manager	Maximises system uptime, reduces total cost of ownership and provides powerful monitoring and control of your HP Integrity servers.
HP Ignite-UX	Enables fast deployment of HP-UX 11i for one or many servers. It provides the means for creating and reusing standard system configurations, enables replication of systems, permits post-installation customisation and is capable of operating in both interactive and unattended modes.
HP OpenView GlancePlus Pak	Combines real-time diagnostic and monitoring capabilities with the ability to perform historical data collection and analysis. This provides an ideal solution to manage the availability and performance of a single system while retaining valuable historical information for use with enterprise management products.
HP OpenView Operations for UNIX	Discovers, monitors, controls and reports on the availability and performance of heterogeneous, large-scale IT environments. It consolidates information for all IT components: network, systems, storage, databases and applications.

HP Storage

Description

Modular Smart Array 1500	A low-cost, high-capacity SAN array for FC networks. Ideal for smaller data centres and remote office locations, the MSA1500 provides up to 40 TB of capacity and delivers the most affordable data protection and performance features in its class.
Enterprise Virtual Array 4000	An enhanced entry-level virtual storage array for enterprises requiring an easy-to-use, powerful mid-range disk array with outstanding TCO to support business-critical processes. The EVA4000 can support up to 28 TB of capacity.
Enterprise Virtual Array 6000	An enhanced virtual storage array for enterprises requiring an easy-to-use, high-performing mid-range disk array with outstanding TCO to support business-critical processes that can support up to 56 TB of capacity.
Enterprise Virtual Array 8000	An enhanced virtual storage array for enterprises requiring an easy-to-use and highest-performance mid-range disk array in the EVA family, with outstanding TCO to support business-critical processes. The EVA8000 can scale up to 120 TB of capacity.
XP10000 Disk Array	An entry-level high-end storage system designed for mission-critical applications (where downtime is not an option), providing the highest class of reliability, availability and performance. The XP10000 can scale up to 69 TB of capacity.
XP12000 Disk Array	An enterprise-class storage system that delivers state-of-the-art reliability and around-the-clock availability for mission-critical applications where downtime is not an option. The XP12000 provides the highest class of reliability, availability, performance and capacity (scaling up to 332 TB of internal capacity) to support mission-critical processes.

* HP recommends purchasing these software products as part of the fully integrated HP Virtual Server Environment (VSE).

Related HP options and services

Comprehensive solutions for the Integrity server platform

HP Options

Description

Instant Capacity (iCAP) cells, processors and memory	Instant Capacity eliminates over-provisioning and helps to link IT costs to revenue by deferring these costs until they are actually needed. iCAP hardware is purchased for only 25% of the price of active hardware and does not require software or support. When the additional capacity is needed, the remaining 75% is paid and the component is activated with a simple command.
Temporary Instant Capacity for processors (TiCAP)	Temporary Instant Capacity (TiCAP) is like a pre-paid phone card that provides 30 days of activation for iCAP processor cores. TiCAP is consumed at your own pace, and includes OS and HP VSE licences and support. TiCAP allows you to meet short-term peaks in application demands by paying for them only when they occur.
Global Instant Capacity (GiCAP)	Global Instant Capacity (GiCAP) allows you to move the usage rights for hardware and licences for software within a group of servers, effectively de-activating components in one server in order to activate them in another. GiCAP is a unique HP differentiator that delivers cost-effective high availability and load balancing.
10000 G2 Series rack	Enterprise-class rack solution combines unparalleled structural integrity, cooling and cable management and can be used for all HP rack-mounted server and storage products.
2 Gb Fibre Channel and Gigabit Ethernet multi-function adapters	The HP PCI-X 2 Gb Fibre Channel and Gigabit Ethernet multifunction adapters deliver the performance, flexibility and high availability you need to support the connectivity requirements for server consolidation in your Adaptive Enterprise. These versatile adapters provide 2 Gb Fibre Channel I/O for mass storage connectivity and 1000Base-SX or 1000Base-T Gigabit Ethernet I/O for networking connectivity, higher port density for I/O slot-constrained systems and higher levels of failover protection.
4 Gb Fibre Channel adapters	HP 4 Gb Fibre Channel adapters provide the highest level of availability and support when used in conjunction with HP StorageWorks storage arrays, tape storage systems and Fibre Channel switches. The dual-channel and single-channel 4 Gb Fibre Channel adapters effectively double performance over the previous generation of Fibre Channel adapters. In addition, the 4 Gb Fibre Channel adapters auto-negotiate 1 Gb, 2 Gb, or 4 Gb transfer rates, allowing full legacy support for existing SAN infrastructures to protect your current SAN investment.
1 GB, 2 GB, or 4 GB memory upgrades	HP branded memory is the easiest way to quickly enhance and improve overall system performance for demanding database and application workloads. Performance improvements increase the memory in 1 GB, 2 GB, or 4 GB increments. HP memory modules are qualified and tested to strict HP standards to help ensure consistently high levels of performance and reliability in HP servers.

HP Services

Description

HP Critical Service – 24x7 comprehensive hardware and software services with enhanced escalation	Highest level of 24x7 mission-critical support, enhanced escalation processes, standard 6-hour call-to-repair commitment (confirm region availability) and round-the-clock system monitoring. Ideal for reducing downtime risks in mission-critical environments.
HP Proactive 24 – 24x7 proactive hardware and software account services	Complements your internal IT resources with proactive advice and account services including integrated hardware (four-hour on-site response), software and technical advice. 24x7 coverage of the entire IT infrastructure, improving stability and operational effectiveness.
HP Service Solutions with three pre-defined service levels for Superdome servers	All three service levels provide pre-installation, deployment and education. The Service Solutions are designed to speed and simplify Superdome implementations. <ul style="list-style-type: none">• Critical Service Solution – highest level of 24x7 mission-critical support for environments where unplanned downtime carries serious business consequences; enhanced escalation processes, repair time commitments and round-the-clock system monitoring• Proactive Service Solution – complements your internal IT resources with proactive advice and account services including integrated hardware (four-hour on-site response), software and technical advice – 24x7 coverage• Foundation Service Solution – integrated hardware and software support for mature, stable environments or non-production systems (i.e., test, development and backup systems)

A complete solution for your evolving business

Your business environment is ever-changing. To compete, you must respond quickly while delivering superior performance and consistent availability. This can mean:

- Consolidating servers to free valuable resources
- Bringing high-value projects on line faster
- Meeting and exceeding high service-level expectations

To help you meet these imperatives, HP Integrity servers deliver much more than processing power and the ability to scale up and out. All Integrity servers can run the industry's leading operating systems – including HP-UX 11i, Microsoft Windows Server 2003 for Itanium-based Systems, Linux and OpenVMS, even on the same system. This means you can deploy new solutions quickly, reliably and cost-effectively while consolidating demanding workloads across multiple operating environments.

We also provide leading high-availability solutions that protect your applications from unforgiving interruptions. Plus, our upgrade options protect your investment over the long term. Our robust hard, soft and sub-core partitioning capabilities deliver improved resource utilisation and allocation. The Virtual Server Environment (VSE) integrates intelligent control with partitioning, high availability and utility pricing, allowing you to create a pool of virtual servers that can grow or shrink based upon your business priorities.

In addition, our broad and deep management solutions let you easily monitor and manage the operating systems and software that run on your servers. Moreover, you can re-deploy Integrity servers easily to run a different IT solution on a different operating system as your business requirements change.

Flexible financing for lower costs

HP makes it easy on your balance sheet with flexible financing options through HP Financial Services. One popular option is Pay per use, a metered utility pricing solution – available with selected HP Integrity server platforms – that lets you pay for capacity as you use it. Additionally, HP Financial Services can help you make a transition from your existing solution to a new one by helping you to uncover the value in your unwanted equipment. With our Asset Recovery Services, HP Financial Services will pay you for equipment with remaining market value and manage the disposition of truly obsolete equipment in accordance with environmental regulations. No matter which combination of HP solutions you need, HP Financial Services has a full range of 'acquire-to-retire' services to put those solutions within reach. For more information, please contact your HP sales representative or visit:

www.hp.com/go/hpfinancialservices

HP Factory Express: the fastest way to deployment

When you choose Factory Express, we customise your Integrity servers to your exact specifications before they leave the HP factory. This means we do the labour-intensive tasks such as software image loading, asset tagging, rack integration and any needed server customisation, configuration, or integration. The end result? Your HP Integrity server solution is ready to deploy from the moment you open the box. Listen to what other customers are saying about Factory Express:

www.hp.com/go/factory-express

The right partner

We are here to help you build an infrastructure that is perfect for your business. Do you need help scaling up or out, or designing a data centre that can change along with your business need? Look to HP. Are you trying to get more out of limited – and costly – floor space? We have a complete range of solutions, including small-footprint options. Are power and cooling draining your budget? Our energy-saving tools and technologies can help you regulate and monitor power usage throughout your infrastructure. Do you want the broadest range of technology choice from best-in-class IT providers? Our hardware, software and service partners deliver technology designed for HP products. The bottom line? HP is the right partner to help your business succeed.

For more information

To learn more about how HP Integrity servers are the best choice for today's dynamic IT environments, contact your local HP sales representative or authorised HP reseller, or visit:

www.hp.com/go/integrity

To learn more, visit www.hp.com/go/integrity

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