

COMPAQ



Compaq M-Series Cabinets

for AlphaServer DS, ES Series and StorageWorks Systems

**Introducing a complete line of cabinets
engineered for today's solutions...
and tomorrow's challenges**

**All the choices you need...
all the features you want...
in a lasting solution**

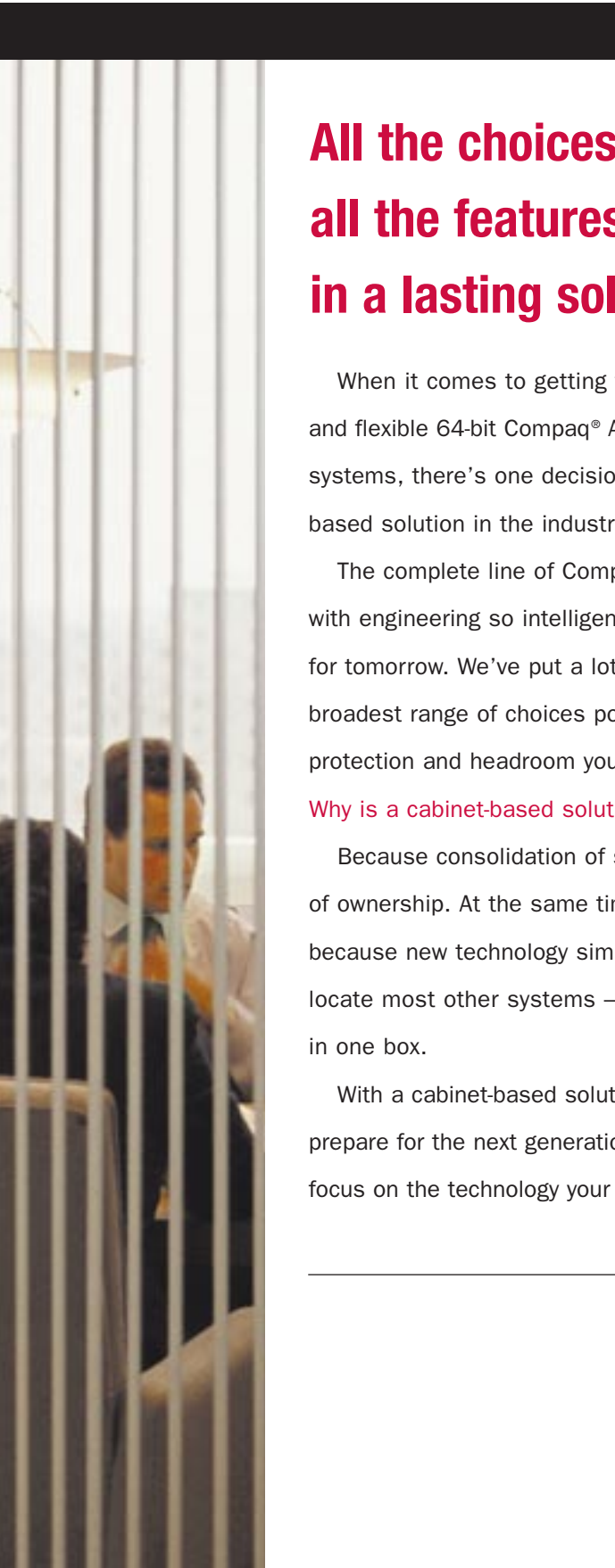
When it comes to getting the most from your powerful, scalable, reliable and flexible 64-bit Compaq® AlphaServer™ DS, ES Series and StorageWorks™ systems, there's one decision that's effortless: Choosing the best cabinet-based solution in the industry.

The complete line of Compaq M-Series Cabinets sets a new standard with engineering so intelligent, today's answer is also your best solution for tomorrow. We've put a lot of thought into our offerings to give you the broadest range of choices possible — while building in the investment protection and headroom you need to grow.

Why is a cabinet-based solution superior?

Because consolidation of systems and storage is key to reducing total cost of ownership. At the same time, you make maintenance and upgrades easier because new technology simply slides in. Further, you can conveniently co-locate most other systems — from networks to routers and more — in one box.

With a cabinet-based solution, you simplify your IT environment while you prepare for the next generation of technology with one purchase. Now, you can focus on the technology your business needs, rather than on where you'll put it.



Compaq M-Series



With Compaq, you get more choices and better solutions.

Compaq engineers have worked tirelessly to provide you with the leadership offerings, flexible configurations, diverse accessories, factory-direct services, and investment protection you demand from your system cabinets. Built with years of hard-won experience, the full line of Compaq M-Series Cabinets address just about every concern you've thought about... and maybe some you haven't.

So you're covered; whether you need more storage, or more servers, or both. Or if you want to migrate to the next generation of Alpha technology. Or maybe you need to minimize floor space, match your data center decor, move and ship your fully-loaded cabinet with confidence, or document full qualification from regulatory agencies.

Whatever you need, you can be certain of this much: Compaq M-Series Cabinets are your best solution — today and down the road. That's because the complete M-Series line of cabinets is engineered for today's and tomorrow's Compaq AlphaServer systems and StorageWorks technology.

Even more, we've thought through every step of the process, so you don't have to. From including a standard anti-tip leg that others charge you extra for — to ensuring your systems can expand as fast as your business — no one has worked harder to make your cabinets the least of your worries.

And it's this peace of mind from Compaq that can help keep you focused on creating the business solutions that will drive your company past the competition in the new millennium.

Industry-leading M-Series benefits are built-in.

Rarely does a full product line pull its weight across every category. Compaq M-Series Cabinets is such a product line. Because we know exactly how important every aspect of your computing environment is, we left nothing to chance.

Every feature of each M-Series offering has been tested, re-tested and then tested again to ensure it delivers the functionality and flexibility you need to grow your business. Here are just a few of the innovations that put Compaq so far ahead of the pack, we've stopped looking back:

A long-term solution in a single purchase. Not only are today's Compaq AlphaServer and StorageWorks systems guaranteed cabinet-compliant, but for the first time, future generations of Alpha technology are as well.

The utmost in reliability. Rigorous compliance testing includes thermal, electrical, regulatory and safety testing. And everything we learn is re-engineered into every M-Series Cabinet.

Success measured against maximum uptime. Nothing else really counts, does it? That's why the H9A15 and H9A10 include standard dual H7600 power distribution units that enable redundant power capability and surge suppression — keeping you up and running, hot and true, no matter what.

Cabinets

Factory Integration Services do it better, faster and cheaper. Save IT hours and aggravation with affordable factory integration by Compaq or our certified (CIP) partners. There are no “missing” or “extra” pieces to worry about. And instead of getting up to 40 boxes dumped into your data center — disrupting your business — you get one rack-mounted solution. Plus, it’s already been powered up and tested!

The choices you need for a professional look and feel. A consistent skyline and presentation with your AlphaServers and StorageWorks may not have been your first consideration, but when the CEO is on tour in your room, it can become a big one fast. Plus, you choose the front finish (Front Door with optional lock to keep fingers off buttons, or Front Trim Kit for a more open appearance) that makes sense for your set-up.

We’ve thought ahead so you never fall behind.

How many times would a little up-front thought from a vendor have saved you hours and dollars? A case in point: Compaq M-Series Tall Cabinets are constructed to fit under standard commercial doorjamb. So there’s no need to break down the entire cabinet... and reassemble it... when you move your systems.

And when you choose Compaq M-Series Cabinets, you can be sure they’re ready to move whenever you are, whether you’re reorganizing your data center or relocating it. With Compaq, industrial-strength construction means a safe move, whether you’re going across the hall, across town, or across the country.

You can even ship your cabinet fully-loaded, air freight — for example, a Tall Cabinet is fully qualified at a 1000-pound dynamic load — or you can have a new cabinet, pre-configured and pre-tested at our factory, shipped to your site. All you have to do is plug it in, and get back to business.

With the H9A15 and H9A10, the traits of a champion are standard.

Whether the Compaq M-Series H9A15 Tall or H9A10 Medium Cabinet makes the most sense for your business, you’re going with a winner. While some cabinets can’t offer championship qualities at any price, the H9A15 and H9A10 provide them standard, with our:

Retractable anti-tip leg. For an added measure of safety, our standard anti-tip leg ensures your cabinet is rock-solid and stable at all times — especially during maintenance and upgrades.

Reversible doors. Hinged right or left, they allow you to customize — and re-customize — your cabinets to your computer room instead of vice-versa.

Vented top. Cooling may be the most important factor in your cabinet. We’ve made it easy to maintain the ideal temperature for continuous computing with confidence.

Removable side panels. Chances are, if you’re in the market for one M-Series Cabinet, expansion is in your future. That’s why we’ve already planned for multi-cabinet solutions with easily removable side panels.

Rear cabinet extender. The Compaq M-Series rear cabinet extender is an economical way to buy the space you need for a RAID Array high availability solution in a small footprint. The popular BA370 RAID Array Storage requires a rear cabinet extender. Moreover, some new generation AlphaServer systems will require a rear cabinet extender.

It all really comes down to this. If you want an intelligent cabinet solution that anticipates your needs and can pay for itself many times over, then there is only one choice: the Compaq M-Series.

The H9A11 packs a punch or two as well.

The Compaq M-Series H9A11 Cabinet packs the punch of a champion in a small footprint with:

- *Industrial-strength design* (ships fully configured)
- *Standard Trim Kit finish* (front doors optional)
- *Lift-off rear door* (for easy access)
- *Solid top* (no need for a top fan tray)
- *Single Power Distribution Unit* (in-cabinet)
- *EIA Standard Compliance* (19")
- *Either NEMA or IEC power plugs* (included)

All in all, the H9A11 offers you the broadest choice of features and options at the most attractive price point. And because every M-Series Cabinet is forward-engineered for growth, the H9A11 can continue to pay for itself for some time to come.

Rack-Mounted RAID Arrays are easy to add for high availability.

You've seen high availability systems that seem to take more effort than the servers themselves. Still, your business demands nothing less than around-the-clock availability. So how do you provide the maximum uptime your users demand... without driving the IT staff crazy? The rack-mounted RAID Array systems from Compaq!

Specially designed to work flawlessly with what you have, Compaq RAID Arrays deliver on the promise of high availability at a reasonable price point.

Standard or custom, your best solution is Compaq.

With customer-proven Compaq factory integration services, it's never been easier — or more affordable — to set and forget your cabinet with AlphaServer and StorageWorks configurations. All you need to do is purchase either standard or premium factory integration service, and you're on your way.

With standard service, you tell us which standard cabinet, systems and storage you need — and our qualified factory experts will interconnect, assemble and ship them... ASAP! Or, if you need something special, just ask for premium service from *CustomSystems™*, and our technicians will work directly with you to configure any combination of cabinets, systems and storage you want, any way you want them.

Plus, by allowing the professionals who know your Compaq systems inside and out construct your cabinet, you ultimately get a lower-cost solution. You avoid precious IT time lost to tracking down missing pieces. You'll have a higher degree of long-term satisfaction, because we do it right the first time. And, we'll be here tomorrow, backing you with experience and commitment that no one else can match. No one.

CIP Partners — Experts at your service.

Distributors approved for the Compaq Certified Integrator Program have met stringent qualification criteria in sales, technical and support expertise — and are certified to perform channel assembly of Compaq AlphaServer products. Providing the same standard factory service as Compaq, you can rest assured that trained experts who make your success their first priority will be on the job until it's done... and done right.



Worldwide regulatory compliance delivers a true global solution.

Compaq M-Series Cabinets meet the approvals for regulatory agencies in key geographies around the world. As well, they are certified for product safety and Electro-Magnetic Compatibility. For product safety, Compaq has obtained a UL listing mark for the US and Canada. The UL listing mark is also acceptable in Japan. Further, for European countries, Compaq has obtained a GS Mark from TUV-Product Service in addition to our own Compaq CE mark.

What does this mean to you?

It means you can feel certain that Compaq has secured the necessary worldwide regulatory approvals for M-Series Cabinets, and approved computing and storage components. And it means you can deploy computing when you want it — virtually any place you want it — with full confidence that your systems will meet local building codes and operational safety guidelines.

When you consider all the factors, we hope you'll mark us down as problem solvers and thinkers that you can trust to help grow your business.

Make the call today!

To begin building your best solution for today and tomorrow with the full line of Compaq M-Series Cabinets, contact your local Compaq Sales Representative, or call 1-800-282-6672 in the U.S. and Canada or call 1-978-506-3777 from other regions.

To explore more via the World Wide Web, visit us at www.compaq.com/alphaserver. Whatever your choice, you can rest assured we've already thought your solution through — so you won't have to. Thank you for choosing Compaq.

Choosing your best solution is easy.

Take a look over these setups. If you don't see what you need, you can call Compaq *CustomSystems™* for their expert advice and advanced configurations.

FOR COMPAQ ALPHASERVER ES SERIES (4000S AND 4100S)*

	Max Systems	Max StorageWorks Shelves	Max BA370 RAID Arrays
H9A15 Cabinet	4	12	2
H9A10 Cabinet	3	9	2
H9A11 Cabinet	N/A	N/A	N/A

FOR COMPAQ ALPHASERVER DS SERIES (1200S)*

	Max Systems	Max StorageWorks Shelves	Max BA370 RAID Arrays
H9A15 Cabinet	3	11	2
H9A10 Cabinet	2	7	2
H9A11 Cabinet	N/A	N/A	N/A

FOR COMPAQ ALPHASERVER DS SERIES (800S)*

	Max Systems	Max StorageWorks Shelves	Max BA370 RAID Arrays
H9A15 Cabinet	6	12	2
H9A10 Cabinet	5	11	2
H9A11 Cabinet	3	5	N/A

* All M-Series Cabinets are fully qualified for current and next generation AlphaServer and StorageWorks systems.

Compaq M-Series Specifications: The numbers really add up.

Take a look through our Specifications Chart, and you'll see Compaq has all the numbers that matter. From color to cabinet depth, we have engineered every aspect of your M-Series Cabinet to be a "set it and forget it" solution. You won't need to resize or reconfigure down the road. It's all here in writing, and it's all been proven under fire.

COMPAQ M-SERIES CABINET SPECIFICATIONS

	Small — H9A11	Medium — H9A10	Tall — H9A15
Color	Top Gun Blue	Top Gun Blue	Top Gun Blue
	Corporate Gray	Corporate Gray	Corporate Gray
Front Finish	Front Door	Front Door	Front Door
	Front Trim Kit	Front Trim Kit	Front Trim Kit (Optional)
Voltage Range	100-120V	100-120V	100-120V
	200-240V	200-240V	200-240V
Cabinet Height (overall)	43.31"	66.93"	78.74"
	1100 mm	1700mm	2 Meters
Cabinet Width (overall)	23.62"	23.62"	23.62"
	600mm	600mm	600mm
Cabinet Depth (overall)	33.86"	36.06"	36.06"
	860mm	916mm	916mm
Vertical Rack Space	36.75"	59.5"	71.75"
	21U	34U	41U
Useable Depth (internal)	30.63"	31.67"	31.67"
	783mm	804mm	804mm
Rail Spacing	19"	19"	19"
	RETMA	RETMA	RETMA
Rail Hole Pattern	RETMA	RETMA	RETMA
	(EIA/ANSI)	(EIA/ANSI)	(EIA/ANSI)
Shipping Weight (empty)	230 lbs	355 lbs	330 lbs
	105 kg	160 kg	150 kg
Maximum Dynamic Payload	750 lbs	1000 lbs	1000 lbs
Interlock Kit	No	Yes	Yes
Vented Top	No	Yes	Yes
Vented Rear Door	Lift-off	Reversible	Reversible
	Panel	Swing Door	Swing Door
Front Door	Optional, includes lock	Optional, includes lock	Optional, includes lock
or			
Front Trim Kit	Included in Base Cabinet	Required if no front door	Required if no front door
Removable Side Panels	Yes	Yes	Yes
Power Distribution Units	1	2	2

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