

For further information on the
Toshiba range of PCs and servers **contact**

your nearest **Toshiba Authorised Reseller**

or visit the Toshiba web sites: www.toshiba-europe.com/computers

Reliable server solutions for mobile communication:

The Magnia concept

Magnia

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The information provided in this brochure applies only to the manufacturer's latest product range.



Choose freedom.

TOSHIBA

Choose freedom.

TOSHIBA

The new Magnia servers:

Tomorrow's technology **today.**

In today's tough competitive environment, it's vital to invest in intelligent, future-proof technologies that can keep pace with the growth of your business.

Maximum performance for maximum data availability.

As the competitive environment becomes increasingly unforgiving, the level of network integration within and between businesses is also increasing dramatically. The instant availability of all relevant business information at any location world-wide is now almost a given for companies that want to succeed. As mobile business becomes a reality, networks and servers will need to meet a new set of challenges:

- Permanent availability
- High performance
- Manageability for administrators
- Flexible solution options
- Low Total Cost of Ownership

The Magnia servers have been carefully designed with precisely these challenges in mind, and benefit from our expertise as the global market leader in mobile computing. Which in turn allows you to leverage fast, efficient, low-cost server technologies today as you prepare to face the global competition of tomorrow.

Setting new standards without sacrificing reliability.

Keeping in close contact with our customers allows us to identify and respond to new requirements with minimum delay and maximum precision.

One important customer requirement is compliance with all important industry standards – a feature of the Magnia server range. Flexibility is also crucial, which is why we keep adding performance and extension options. And as you'd expect from Toshiba, we also continually strive to take build quality and reliability to even higher levels. In addition to focusing on ways in which customers can gain instant benefits, we also pay great attention to the low Total Cost of Ownership (TCO) which is fundamental to the Magnia server concept. All components are designed for long life, and the carefully selected architecture offers a stable platform. Only mature, highly robust components are used, that meet Toshiba's own tough quality standards. So you can rely on the Magnia servers in the same way you can rely on Toshiba to continue delivering innovative ideas and solutions.



The Magnia series offers outstanding investment protection to secure the competitiveness of your network into the future.

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Power plants

to suit any size of network.

Computing power that scales to match your needs.

You can never have too much processor performance or RAM when it comes to ensuring continuous data availability, particularly when a network becomes more complex and traffic volumes escalate. Fortunately, the use of standard chips can cut the cost, while at the same time facilitating upgrades.

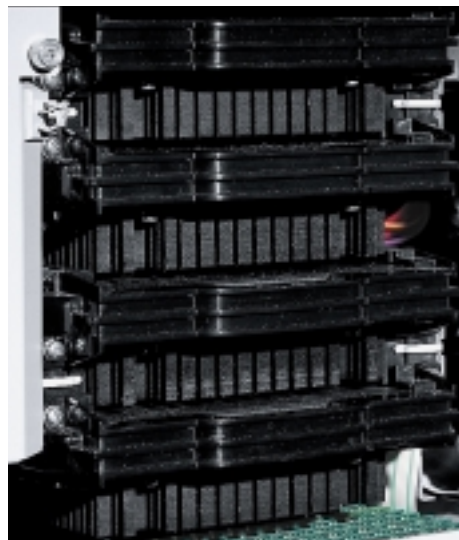
Magnia servers feature the latest multiprocessor technology from Intel®, being fitted with either Intel® Pentium® III or Intel® Pentium® III Xeon™ processors.

The systems support quick installation of all mainstream server operating systems. And to keep things running smoothly, there is plenty of scope for adding more RAM.



You can add hard disks, fit additional processors or carry out a RAM upgrade in a matter of seconds.

The latest generation of Intel® processors provides the perfect platform for business success.



Magnia's performance and scalability doesn't stop at processing power and quick installation. Across the range, you'll find generous internal storage options and the latest, fastest hard disks, to meet the needs of any growing business needs.

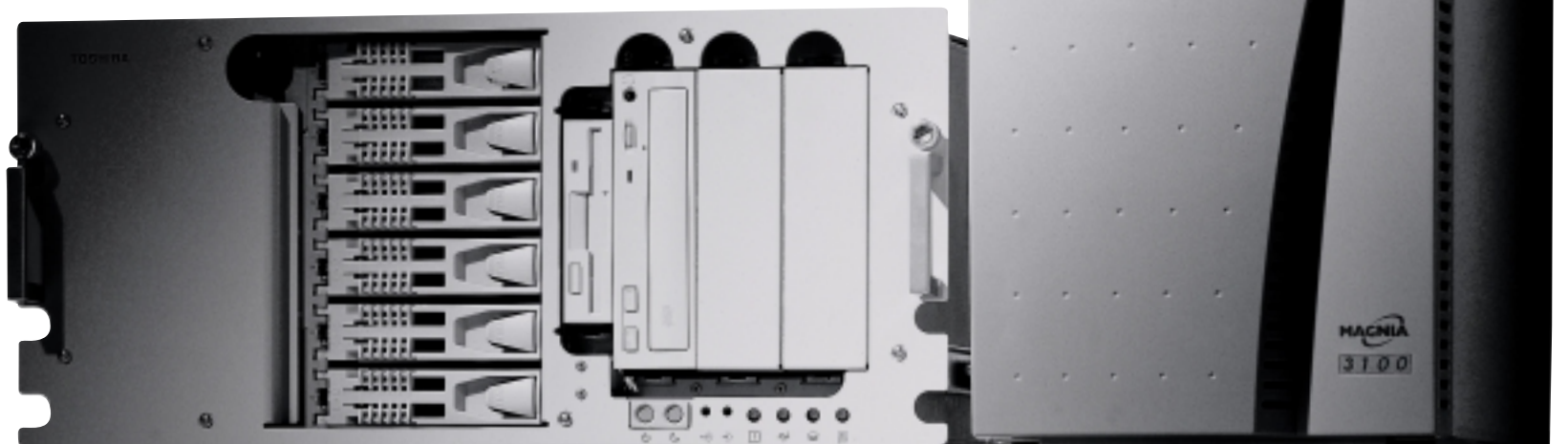
Symmetric multiprocessing and optimised I/O architecture are additional features that help maximise transaction volumes. As a typical Toshiba speciality, this also applies to mobile access over the Internet – an increasingly common scenario, and one that calls for the appropriate technological response.

Flexible solutions for painless upgrading.

The design of the Magnia server series allows you to keep all your upgrade options open. So you can start with an inexpensive entry-level solution for an individual workgroup, mid-sized department or business and then upgrade it by fitting a whole range of optional components. Just scale up the hardware to keep pace with your growth or any expansion of the corporate network.

With its ultra-flexible architecture and enhanced manageability functions, upgrading the performance of the Magnia series is easy on your budget and on your time. Which demonstrates once again that Magnia is the ideal server solution for businesses interested in cost-effectiveness and low Total Cost of Ownership (TCO).

The Magnia series offers flexible configurations in tower or rack format.



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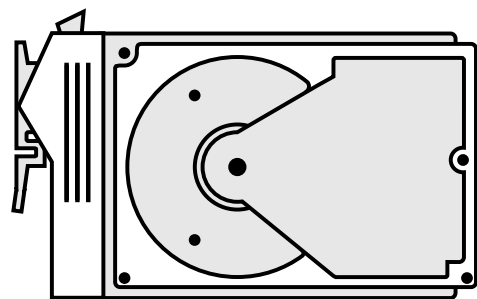
Servers that give **more** for **less**.



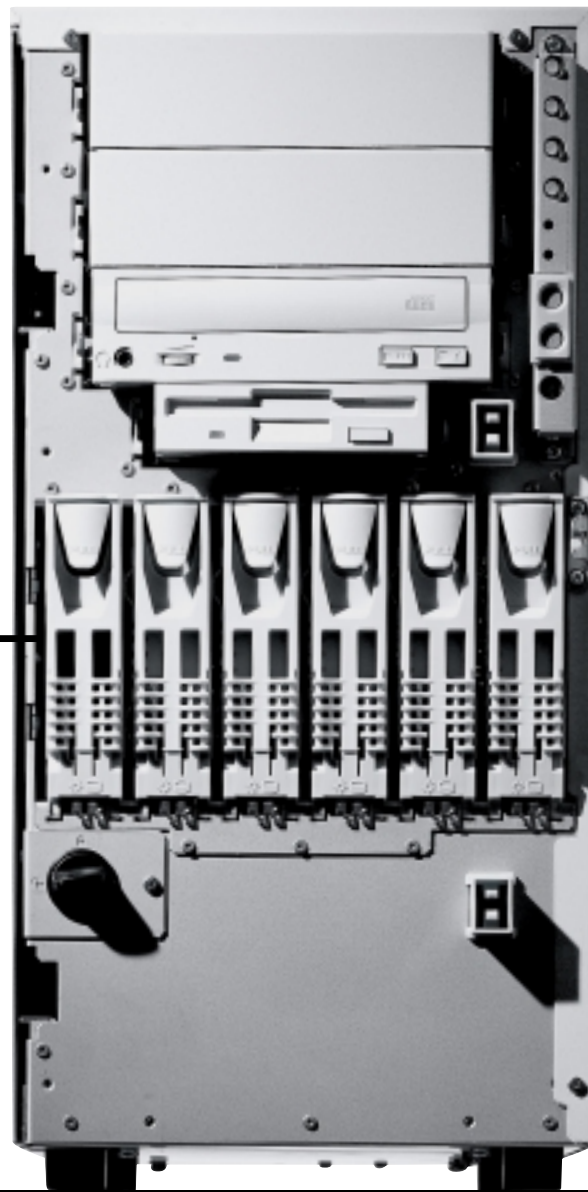
Ease of use and **simple installation.**

The top priorities for a competitive corporate network are the availability of information to end users, including mobile users, and ease of access for administrators.

The Magnia series is good news for busy IT support staff, with Intel® LANDesk Server Manager software (LDSM) making it easy to track critical server functions and take a proactive approach to management. And last but not least each model comes with a Server Setup Tool (SST), developed by Toshiba to support easy installation and configuration.



Magnia servers offer convenient local and remote access.



Security features for serious access management.

Ensuring the integrity of sensitive data and providing rapid access are particularly important when mobile users dial into the server, while protection against unauthorised access is also a key issue.

Toshiba has responded to these concerns by deploying Intel technology to create management server configurations that allow for secure communications with remote mobile PCs to support asset tracking and system monitoring functionality.

Designed for **maximum uptime.**

The server with the least impact on your bottom line is always going to be the one with the least downtime. Which is why the entire architecture of the Magnia series is designed for maximum uptime. Hard disks are hot-swappable, and additional optional power supplies ensure continued operation in case a power supply unit fails.

The automatic balancing of load between power supplies not only makes it possible to replace units while the server is running, ensuring permanent system availability, but also guarantees a much longer service life for these components. Redundant fans can also be fitted to prevent a server from overheating and therefore shutting down automatically – a further step towards reducing the risk of system downtime.



Optional redundant fans provide additional protection against overheating and automatic shutdown.



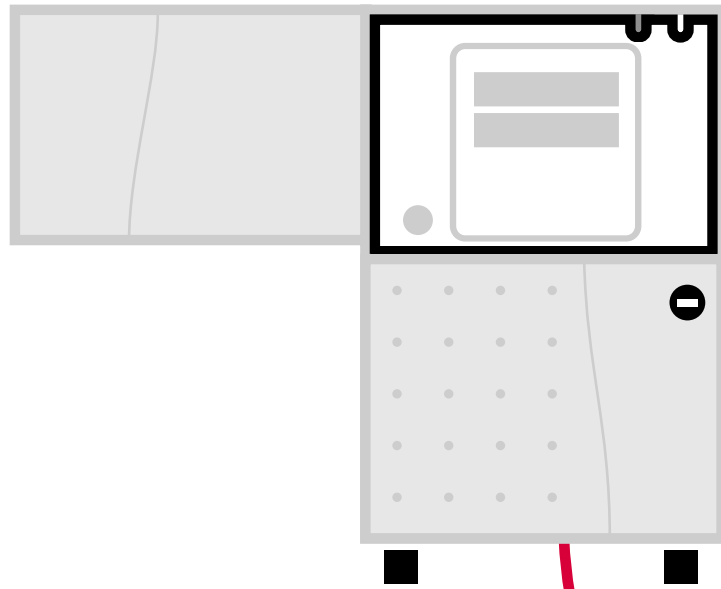
The Magnia 510D. Value priced power and scalability for small networks.

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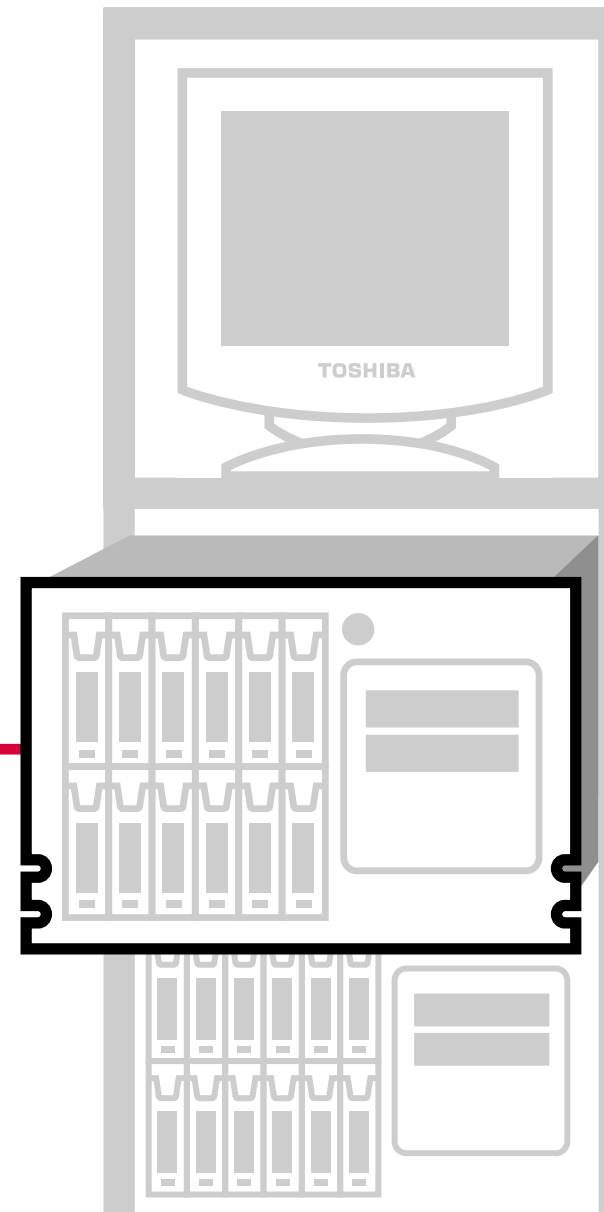
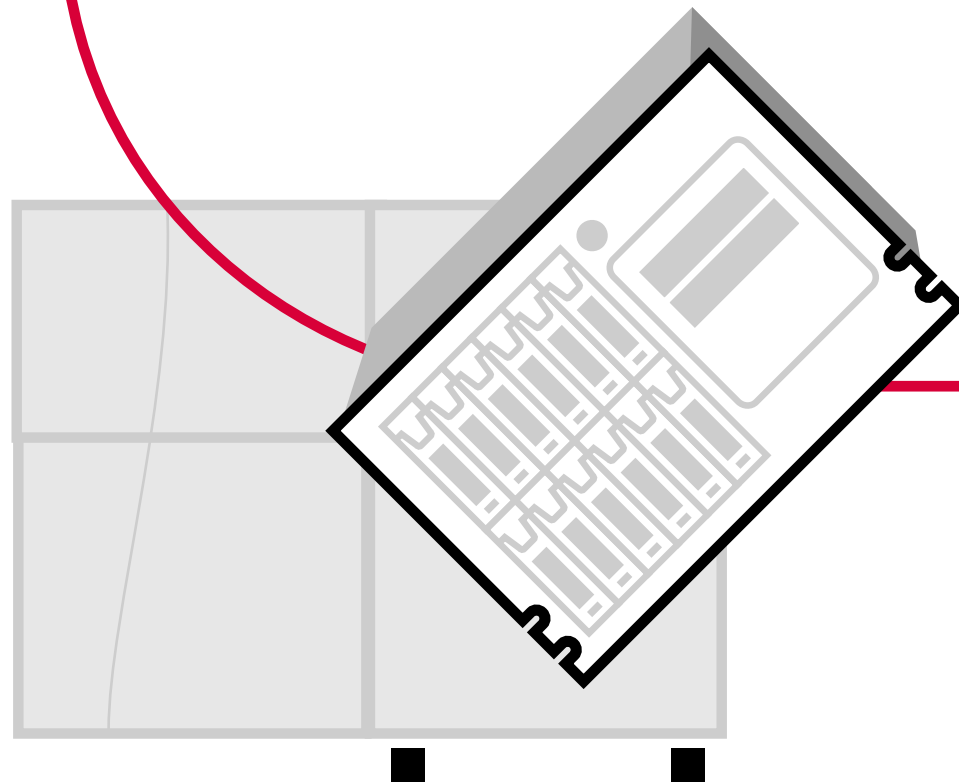
A robust server concept that
saves space, time and effort.

A truly advanced server concept should accommodate new business needs with minimum effort. Like Magnia.



Free to grow.

The Magnia concept offers more than just easy upgrading of individual servers. In addition to allowing you to fit new hard disks, additional processors and RAM upgrades, the Magnia series supports rack-mounting of servers and the hooking up of super-fast external storage media.



The **Magna** rack.

Rack-mounted servers offer important benefits. Where space is at a premium, the advantages are obvious, but management of several systems via a single monitor is also a valuable feature. Toshiba's racks offer ease of installation, special stabilizers, a special cable entry hole for monitors and locking doors that don't obscure the information displayed on the front of the systems.

A single server can easily be installed in the space-saving rack.

Experience and innovation

you can rely on: Toshiba

The Magnia series is backed by Toshiba's over 20 years of experience in the server sector and benefits from our expertise as the global market leader in mobile computing. Which is why the Magnia servers are ideally suited to coping with tomorrow's global competition and the need to access information round the clock from anywhere in the world.



Innovative technologies.

Year on year, Toshiba invests more than six per cent of total revenues in research and development. This ongoing commitment to improvement means our customers and resellers are always guaranteed the latest technology.

Reliable build quality.

When we develop a new server, we're never happy unless we're convinced it offers genuine benefits for our customers. Rigorous testing ensures that every system we build not only fulfils all user requirements to the letter, but will continue to do so for years to come.

Maximum availability.

The Magnia servers are designed to help give your business a competitive edge, offering outstanding performance, reliability, ease of operation, flexible solution options and low Total Cost of Ownership.

Generous warranty.

It takes a certain amount of confidence in one's own products to offer the lengthy and comprehensive warranties that we do. And even if it feels as if you'll never actually need one, it's still good to have the peace of mind that comes from choosing Toshiba.

Authorised reseller network.

Even if you never need it, specialist backup offers valuable peace of mind. Which is why we've developed an extensive network of authorised resellers and qualified service providers to ensure you receive all the advice and support you need when operating a Toshiba server. Our trained specialists based at service centres around the world are always ready to help.

Service and support.

Our comprehensive service and support offerings feature the same outstanding quality as our products, and that's guaranteed. We're committed to customer satisfaction, which is why we pride ourselves on our rapid on-site support, prompt delivery of spare parts, experienced specialists, and a training programme with a wide range of courses.

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