SIMPLIFYING IT
The Dell™ PowerEdge™ M-Series blade servers address the challenges of an evolving IT environment by delivering leading enterprise-class features and functionality. The M-Series delivers a unique array of options configured to meet the needs of your IT environment both now and in the future.

- Multiple blade form-factor choices
- Modular I/O switches for future scalability
- Breakthrough fan technologies for reduction in power consumption
- Configuration management via chassis management controller

SIMPLY PUT: DELL M-SERIES BLADES DESIGN LEADERSHIP FOR THE FUTURE

THE DELL DIFFERENCE

SIMPLE MANAGEABILITY
Dell recognizes the importance of simplifying IT management, which is why Dell M-Series blade servers are designed with simplified management functionalities. These features include the world’s first modular blade enclosure easily managed via a chassis management controller, pre-deployment scripting for easy setup, and the addition of Dell iDRAC technology for simplified management, updates, and troubleshooting with a deployment wizard for easy setup, and the addition of Dell iDRAC technology for simplified management, updates, and troubleshooting.

SIMPLY PUT: allow you to focus on managing your organization, not your data center.

INCREASED FLEXIBILITY
Designed to lead the industry in speed and easy setup and deployment, Dell M-Series blade servers are easy to update and manage from a passive midplane already 10GbE and 40GbE InfiniBand capable, and an easy chassis lifecycle. These features provide you with a fully modular enclosure, enabling you to scale your I/O infrastructure that can deliver significant savings in time, cabling, and switch port costs.

ENERGY EFFICIENCY
The Dell M-Series blades are designed for energy efficiency and density to address the growing power consumption and space constraints in your data center. Continuing their sustained commitment and leadership in energy efficiency, Dell remains dedicated to delivering the industry’s most power-efficient mainstream blade solution on the market. From fan technologies featuring active, zoned cooling to ultra-efficient power supplies offering dynamic control and power monitoring, the M-Series provides you with the power efficiency your data center needs from a single blade through a fully populated chassis.

SIMPLIFY YOUR NETWORK AT DELL.COM/PowerEdge

CUTTING EDGE SOLUTIONS FOR TODAY AND TOMORROW

DELL™ POWEREDGE™ M-SERIES BLADE SERVERS

some of the most power-efficient x86 servers in the industry. Smart technology, these blade servers are designed to deliver outstanding performance/watt. Built on Dell Energy Smart technology, they can help increase capacity, lower operating costs, and deliver better performance/watt than blade competitors. The PowerEdge M1000e modular blade enclosure takes advantage of Energy Smart thermal design efficiencies, featuring dynamic power management, real-time power reporting, and integrated KVM technology for concurrent remote access to all blades, make server management quick and easy. Plus when you order a chassis/blade solution, every PowerEdge blade server is fully tested and then installed at the factory.

#### POWEREDGE M905

The Dell PowerEdge M905 utilizes AMD PowerNow!™ technology. Utilizing dynamic, power management controls, it provides significant reductions in power consumption without compromising performance. The M905 and M910 are designed to support future generations of blade servers regardless of processor/chipset architecture and I/O needs.

#### EASY TO USE, EASY TO MANAGE

Using centralized management controls, the M905 provides redundant, secure access paths for IT administrators to remotely manage enclosures and blades from a single console. One of the only blade solutions with an integrated KVM switch, the M905 enables easy setup and deployment and streamlines integration into an existing KVM infrastructure without requiring dongles or extra switches. This makes the PowerEdge M905 one of the easiest blade solutions to deploy and manage.

**Easy to use, easy to manage:**
- Integrated KVM switch for easy remote access and management.
- Redundant, secure access paths for IT administrators.
- Centralized management controls for efficient resource allocation.

#### BLADE ENCLOSURES Built for maximum energy efficiency

Built on Dell’s Energy Smart technology, the M905 is one of the most power-efficient blade solution on the market. It can help increase capacity, lower operating costs, and deliver better performance/watt than blade competitors. The M905 enclosure takes advantage of Energy Smart thermal design efficiencies, such as ultra-efficient power supplies and dynamic power-efficient fans with optimized airflow design to efficiently cool the chassis and enable better performance in a lower power envelope.

**Blade Enclosures Built for maximum energy efficiency:**
- Dell PowerEdge™ M905 Modular Blade Enclosure.
- Designed to combat data center sprawl and IT complexity. These half-height mainstream blade servers deliver the most energy-efficient, flexible, and manageable blade server solutions available to IT departments for lower system resource applications needs.

#### EFFICIENT PROCESSORS, EFFICIENT BLADES

For businesses that require high performance while managing infrastructure.

**Efficient processors, efficient blades:**
- Latest quad-core AMD Opteron™ Processors for enhanced virtualization.
- Flexible and scalable, the M910 lets you scale up to 192GB total RAM, and an internal SD card for embedded hypervisors, delivering improved performance in environments demanding the most from a two-socket server.

#### Dell Support and Services

Dell Service and ProSupport options align with the way organizations use technology—rapidly responding to their needs and helping to protect their investment, productivity, and sensitive data. We can also provide enhanced proactive support options to help reduce the risk and complexity of managing infrastructure.

**Dell Support and Services:**
- Dell Service and ProSupport options for enhanced proactive support.
- Enhanced support options to help reduce risks, and reduce operational complexity. With optional factory-integrated virtualization capabilities, the M905 and M605 can help streamline virtualization deployment and provide ease-of-use in virtual environments.

#### OPTIMIZED ENERGY EFFICIENCY

Designed for energy efficiency and density, the PowerEdge™ M600 and M650 address the growing power and cooling needs of enterprise and data center environments. With the PowerEdge M600, modular blade enclosure, the M605 delivers levels of energy efficiency and flexibility that HP and IBM cannot match. The M600 and M650 blade server is some of the most energy-efficient blade products on the market and have a 60% greater density than traditional 1U servers. This density advantage allows you to put the blade equivalent of 64 x 1U servers in 40U of space.