Intel® Modular Server built on Intel® Multi-Flex Technology

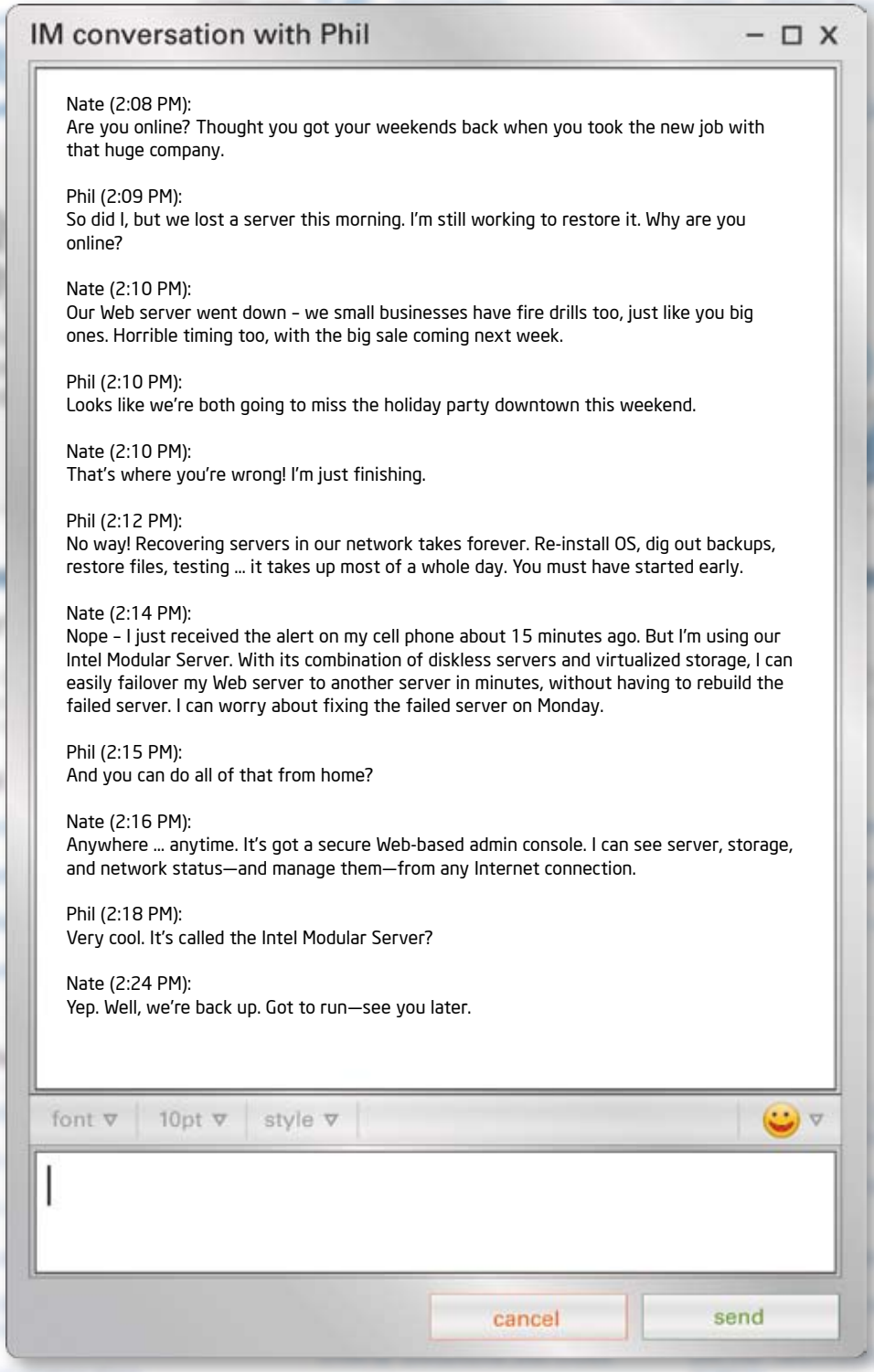
Real Life Benefits for Small to Medium-Sized Business

The Intel® Modular Server built on Intel® Multi-Flex Technology is a multi-dimensional server that eases the strain placed on IT administrators. In particular, IT administrators in small to medium-sized businesses (SMBs) are constantly asked to do more with less—to provide greater performance and reliability with fewer people and dollars.

Rapid Recovery – Anytime, Anywhere

Read on to see a conversation between two IT administrators. An IT administrator at a small retail business is leveraging the Intel Modular Server based on Intel Multi-Flex Technology to provide increased performance and availability to his end-users with less effort and fewer after-hours incidents. Meanwhile, an associate in an enterprise-sized business continues to face routine issues with tools that tie him to the office after business hours.

By providing high-end capabilities, improved flexibility, ease-of-use and exceptional value, the Intel Modular Server can help SMB IT administrators achieve the reliability and powerful management they need to reclaim their weekends.



Improved Uptime

As a SMB with a smaller IT infrastructure, you can't afford to have even one server down. The Intel Modular Server provides redundancy beyond rack-mounted or pedestal servers with RAID capabilities and server failover to help increase availability.

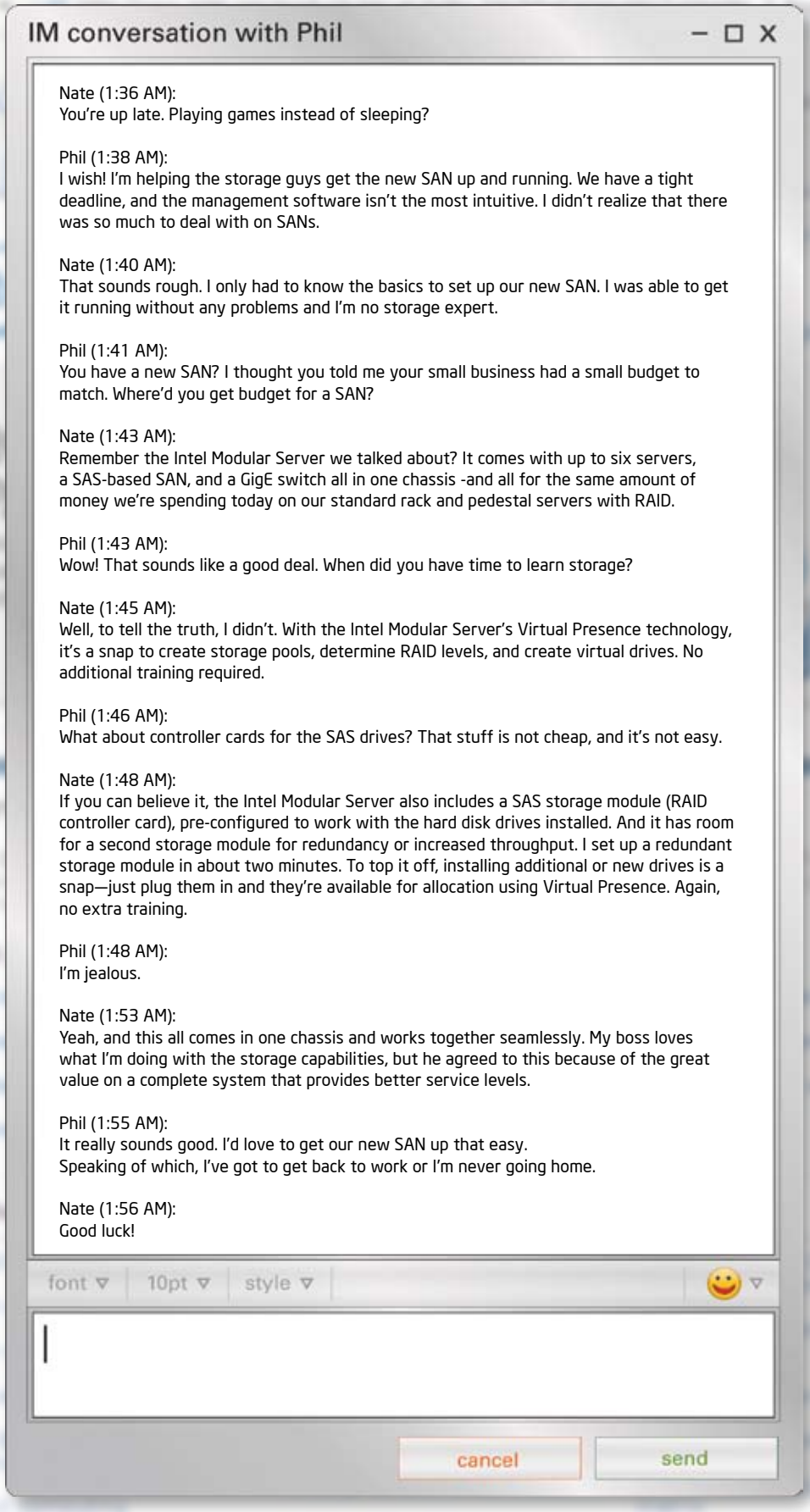
Improved Data Protection

Centralized backup with snapshot capabilities enables easier archiving with increased backup sessions. In case of a failure, this enables you to minimize loss of critical data.

End-to-End Management

Intel's Virtual Presence technology allows you to see what hardware is physically deployed in the chassis, and do bare-metal discovery of networking, storage, and servers, all from a single Web-based interface. See the status of the system and all of its components just like you were standing in front of it with Virtual Presence technology.

Exceptional Value



Cost Effective

Spend less money than you would for individual components, but get far greater capabilities: up to six servers, SAS-based SAN, and a GigE switch bundled and pre-configured, plus Virtual Presence for comprehensive, easy-to-use management. And because it is all in a single chassis, save 20%–30% on cooling and power costs.

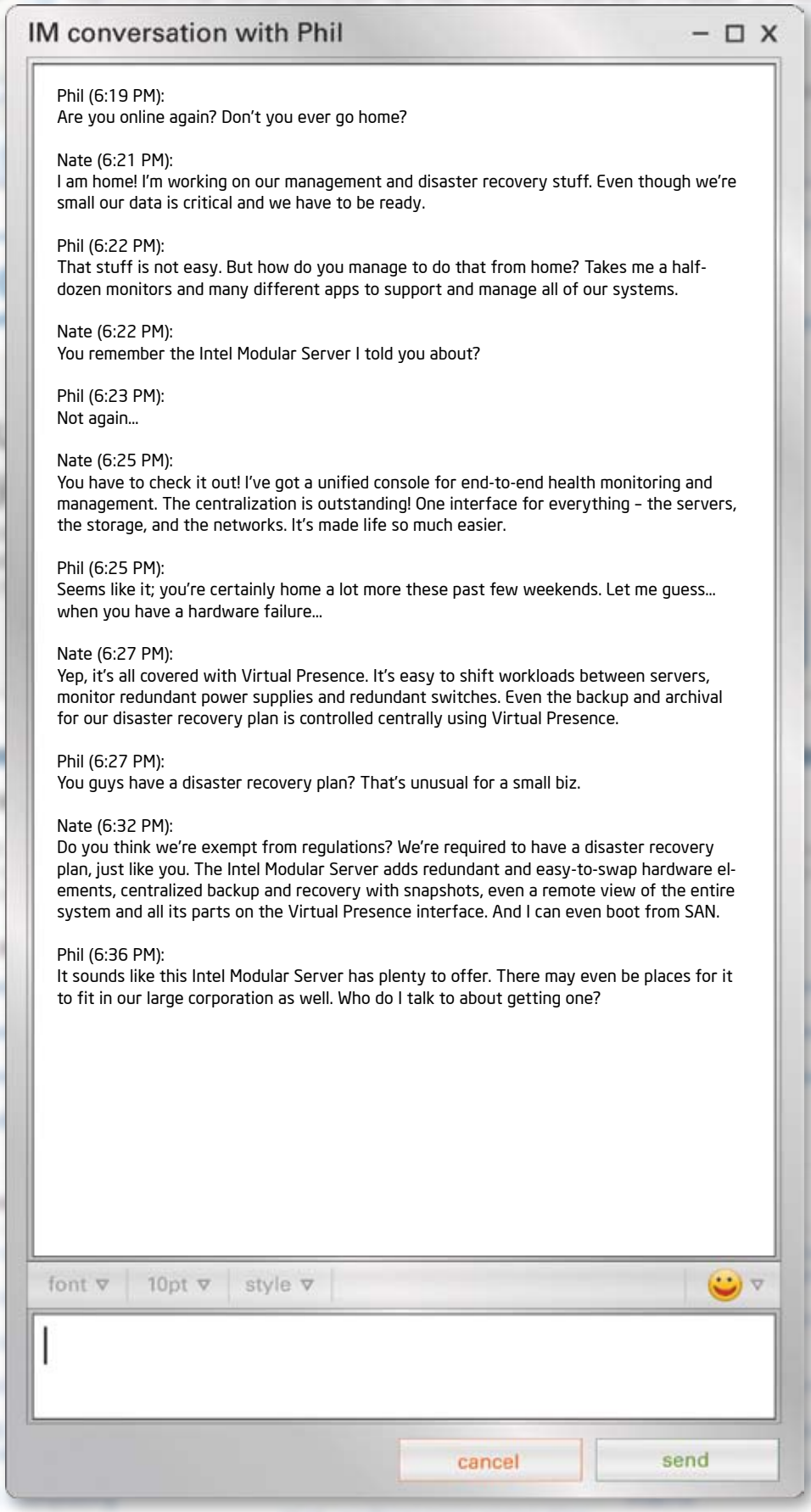
Improved Asset Utilization

Shared storage enables 100% utilization of all hard drives, so you don't waste money on under-used resources. Adding drives to scale your storage is a snap, with the Virtual Presence management interface. And the Intel Modular Server chassis is designed for multiple generations of CPUs, so your servers are fully utilized.

Reduced Complexity

A single system will reduce strain on IT resources. The simplification of servers, networking, and storage on a single chassis gives SMB IT administrators one less fire to fight.

Simple and Flexible



Unique Serviceability

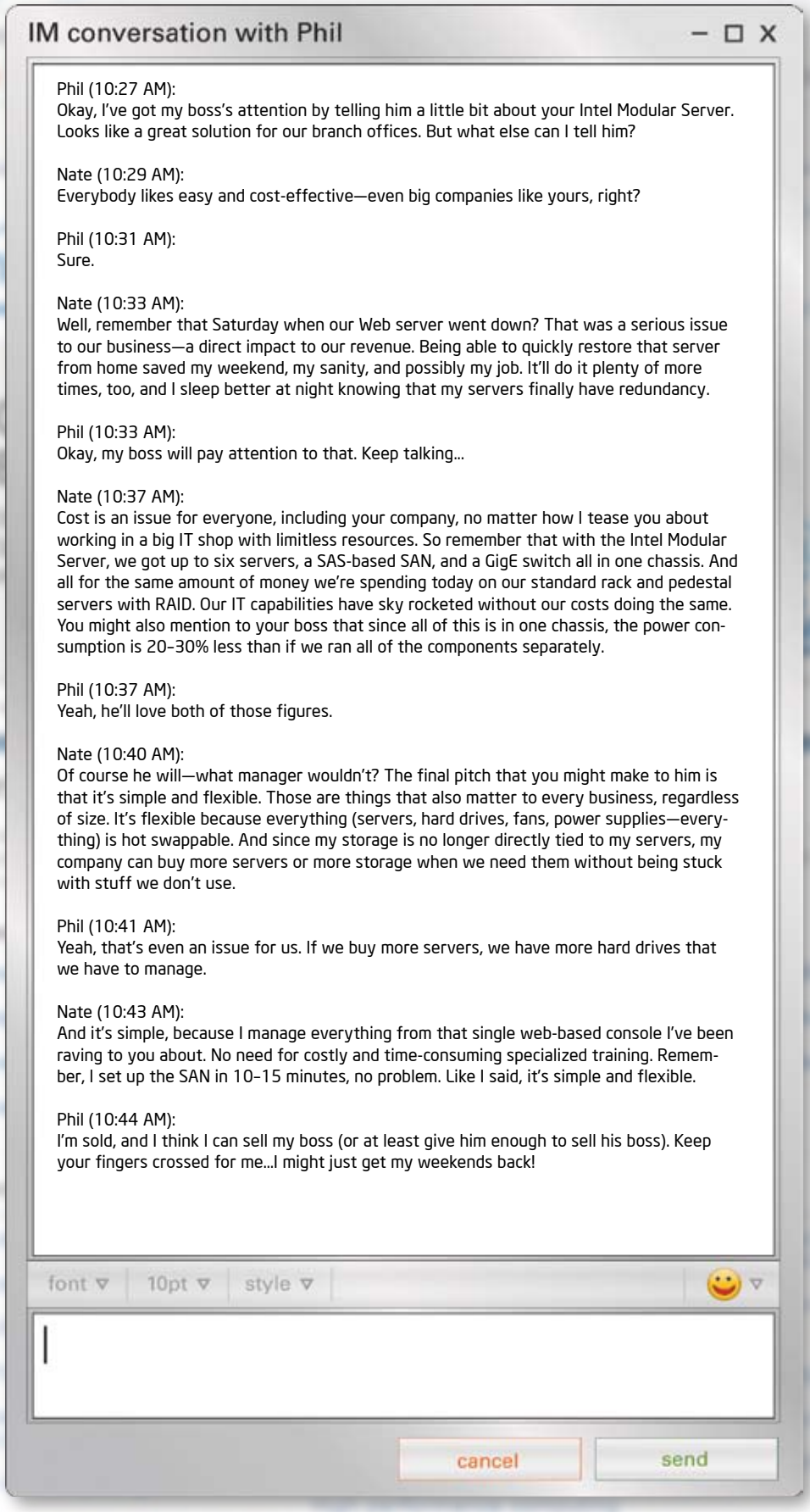
Servers, hard drives, fans, and power supplies are hot swappable with no tools required. As well, the Intel Modular Server's system management tools enable remote, out-of-band management from any location.

Grows as Your Business Grows

Complete separation of storage from servers lets you increase your storage and your compute capabilities at separate rates. Buy more storage and more processing power when you need it, but not before.

Improved Flexibility

Manage your systems instead of letting them manage you. Reduce IT management complexity as well as cabling by having server, storage, and network all in one easy-to-use chassis.



Simple

Today's SMB IT administrators are increasingly asked to do more with less. Being able to use time efficiently is not just a luxury—it is critical to providing the service levels expected. Having to manage a wide array of IT devices, each with different management tools and interfaces, can turn seemingly simple tasks into hours of struggle.

The Intel Modular Server simplifies systems management for IT administrators, freeing them to spend more time on proactive maintenance and allowing them react quicker to unexpected events. The Intel Modular Server provides the convenience of an all-in-one, integrated system with easy-to-use point-and-click management. Compute, storage, and network resources are combined into one chassis, all managed by a highly intuitive and secure Web-based interface.

Flexible

All IT systems experience capacity issues, bottlenecks, and failures. Resolving these issues can be challenging for any business, but especially for small and medium-sized businesses, where IT administrators are often stretched thin trying to maintain systems of varying ages, platforms, and capabilities.

Through a comprehensive set of flexibility features, the Intel Modular Server allows IT administrators to resolve these issues quickly and easily. The Intel Modular Server combines capacity-on-demand, hot-swappable and redundant compute and storage resources, virtualized storage with snapshots, and boot-from-SAN functionality—all managed by the powerful Virtual Presence interface.

Exceptional Value

Running an IT operation on a tight budget is one of the great challenges to businesses of all sizes. The Intel Modular Server gives you more bargaining power than ever before.

The Intel Modular Server reflects Intel's commitment to small and medium-sized businesses. Designed to make life easier on the overworked IT administrator, it brings compute, storage, and network resources together in one flexible and easy-to-manage device. The Intel Modular Server is an affordable, real solution for the IT challenges of today's SMB customers.

For more information about the Intel® Modular Server built on Intel® Multi-Flex Technology, visit:
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