Cisco announces a 5th server generation-- the Unified Computing System (UCS) M5 series, built on Intel Xeon Scalable processors and offering double the memory capacity.



As the company puts, UCS M5 servers deliver up to 86% higher performance over previous generation UCS servers, making them ideal for data intensive workloads such as real-time analytics and in-memory computing. Further boosting efficiency is what Cisco claims is the highest GPU density on blade servers.

The UCS M5 series consists of 5 models-- the B200 M5 blade server (general purpose half-width blade server with suppport for up to 2 GPUs), B480 M5 blade server (aimed at applications ranging from memory-intensive, mission-critical tasks to distributed database virtualised workloads), C220 M5 rack server (high-density 2-socket rack server for a wide range of workloads), C240 M5 rack server (storage and I/O optimised rack server for big data analytics, software-defined storage and bare metal applications) and C480 M5 rack server (with a modular architecture for flexible technology refreshes).

In addition, Cisco offers UCS Director 6.5, an update extending automation capabilities beyond infrastructure. It automates native PowerShell functions, virtual machine mobility across vCenter datacentres and support for VMware VMRC console. It also improves automation for FlexPod, Cisco HyperFlex and adds support for the UCS M5 series and S-series servers.

Another launch from the company is Workload Optimisation Manager-- software using intent-based analytics to continuously match workload demand to infrastructure supply across on-premise and multi-cloud environments. It is deeply integrated with the UCS chassis, blades, IO modules and fabric interconnects, enabling customers to lower costs by recovering idle or

stranded resources.

"As organisations strive to become more competitive through real-time analytics and faster decision-making, new thinking around data center infrastructure is required," Cisco says. "Our unique, unified system architecture delivers the agility our customers need to create a cloud experience on-prem, so that our new line of servers simply means faster applications with fewer complications."

Go Cisco Delivers Powerful 5th Generation Servers for Unified Computing System