

Mellanox Intros Switch-IB 2

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Networking vendor Mellanox announces the Switch-IB 2-- a 100Gb/s InfiniBand switch optimised for High-Performance Computing, database and cloud datacentre applications.



Described by the company as the "world's first smart network switch," the Switch-IB 2 offloads MPI operations from the CPU to the network to deliver up to 10X performance improvements, creating next generation scalable and data intensive datacentres.

It integrates 144 SerDes operating at 1GB/s to 25GB/s speeds per lane, and delivers 7.02 billion messages-per-second, 90ns switch latency and lower power consumption.

"Mellanox smart interconnect solutions will continue to bring not just the widest and fastest interconnect but also more hardware offloads to free the CPU to focus on the application," the company says. "Mellanox's smart interconnect technology is a full generation ahead of the competition in terms of performance and return-on-investment advantages it brings to IT and applications managers."

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