

conga-HPC/cBLS: Workstation Power in a Compact Footprint



High-Performance COM-HPC Client Module

The new [conga-HPC/cBLS](#) from congatec is specially developed for performance-hungry edge and infrastructure applications. The COM-HPC Client Size C modules, powered by Intel® Core™ S processors, feature up to 16 Efficient and 8 Performance cores for 32 threads. Designed for demanding edge and infrastructure applications, the modules deliver high multi-core and multi-thread performance, large caches, vast memory capacity, high bandwidth, and advanced I/O. Ideal for real-time workloads with consolidation, the firmware-integrated hypervisor-on-module enables direct access to system consolidation benefits. These modules offer a cost-effective, scalable alternative to motherboards, allowing easy upgrades via module exchange—even across processor generations—without altering the basic design.

Key Features



High
Performance



Scalable



Real-Time
Capable



Application-
Ready

Intel Products & Technology



[Intel® Core™ Processors](#)

[OpenVINO™](#)

[OpenVINO™ Toolkit](#)

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