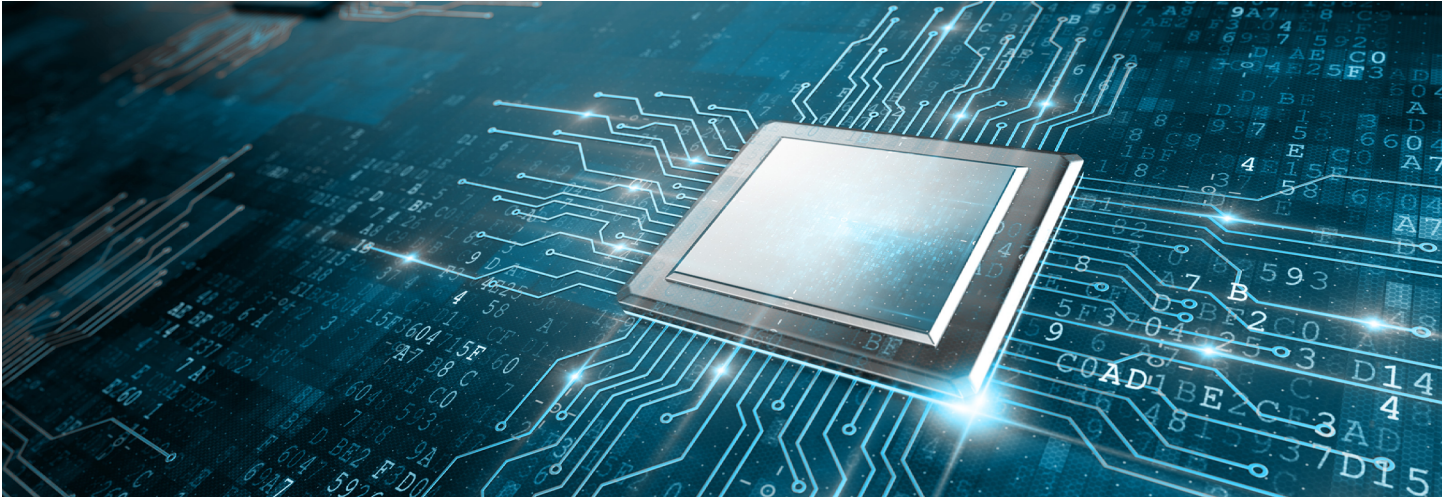


INDUSTRY'S FASTEST ENTERPRISE JOB SCHEDULER – ALTAIR ACCELERATOR™

Accelerator is the industry's fastest enterprise job scheduler, with high-performance hierarchical scheduling and scalable, event-driven architecture for the highest throughput. Accelerator maximizes capacity utilization and is capable of running millions of jobs per day.



For Designers

For Infrastructure

For Management

Learn more at
altair.com/accelerator

What is Accelerator?

Accelerator is a high-throughput, enterprise-grade job scheduler designed to meet the complex demands of semiconductor and electronic design automation (EDA) and high-performance computing (HPC). It's a highly adaptable solution capable of managing compute infrastructures from small, dedicated server farms to complex, distributed HPC and cluster environments.

The Plus package, Altair Accelerator Plus, includes a hierarchical scheduler architected to offload the base scheduler, enabling greater throughput, better license and resource utilization, and more flexible scheduler usage models.

Why Accelerator?

For Designers

Sub-millisecond latency for best performance and user experience, plus full visibility into key job resources including CPU, memory, and license.

For Infrastructure

Scalable, small-footprint architecture for effective resource utilization; customizable alerts and notifications; and fast restart without impacting running jobs.

For Management

Scalable, high-capacity architecture capable of scheduling millions of jobs per day. Manage organizational priorities with comprehensive policy management features.

Accelerator Features

Maximum Throughput

Capable of running millions of jobs per day, the scalable, event-driven architecture combined with a small memory footprint and sub-millisecond dispatch latency accelerates design throughput and maximizes capacity utilization.



High-performance hierarchical scheduling and scalable, event-driven architecture for the highest throughput

Comprehensive Policy Management

Accelerator is equipped with a comprehensive set of policy management features including FairShare and preemption, providing the essential controllability and observability you need to set and alter policies and optimize your workload environment.

Job Prioritization

Job preemption and reservations can be used to allow urgent jobs to take precedence over less important jobs. Accelerator can suspend running jobs and resume them once higher-priority jobs have completed, eliminating the need to set aside licenses for urgent jobs.

Accelerator Plus

The Accelerator Plus package comes with multi-layer, event-driven job scheduling; a hierarchical structure for both designers and administrators; and comprehensive visibility with a full-featured GUI.

Greater Productivity

Accelerator provides visualization and failure identification capabilities that provide a big-picture view of jobs that have completed, have failed, and are waiting. This lets system administrators easily identify any given job status and quickly analyze the root cause of a failing job by bringing up relevant report files.

Increased Visibility

Accelerator Plus allows cross-organizational resources to be assigned and managed as users prefer — by workflow, by project, or on demand. A full-featured GUI enables full visibility into each job and statistics for queued jobs, running jobs, and allocated resources.

