

Accelerating Data Analytics for the AI Era

NeuroBlade optimizes query processing to meet the demands of modern AI/ML workloads, delivering faster insights and reduced costs. Our innovative technology accelerates data analytics where customers' data resides, whether in the cloud or on-premises.

Flexible Product Deployment Options



Accelerates Analytics in Cloud Instances

NeuroBlade's data analytics acceleration technology is available on the AWS cloud via the newly released EC2 F2 instances enabling our customers to quickly evaluate and deploy, achieving faster query processing, TCO savings, and the ability to enhance their services by utilizing analytics optimized instances for their workloads.



NeuroBlade SPU™ PCIe Card Accelerator

The NeuroBlade ASIC/FPGA SPU™ PCIe card seamlessly integrates into data center infrastructure servers as PCIe cards, enhancing the existing compute servers processing capabilities for data analytics workloads. This increases the ability to utilize more data in shorter time, therefore, reducing the clusters size for huge cost savings and improved operational efficiency.

Streamlined Integration with DAXL



NeuroBlade's Data Analytics Acceleration Library (DAXL) API integrates seamlessly with popular open-source query engines for analytical data processing like Apache Spark, Presto, and ClickHouse, enabling easy adoption with existing workflows.

Benefits of NeuroBlade Analytics Acceleration



Performance

Accelerates AI/ML data preparation and analytics.



Proven

Early deployments demonstrate significant performance gains and TCO reductions.



Seamless Integration

Fits into existing workflows with minimal disruption.



Deployment

Deployable as cloud instances or On-prem with PCIe cards.

About NeuroBlade

Founded in 2018, NeuroBlade operates from Tel Aviv, Israel, and Mountain View, US. With an experienced, skilled team specializing in complex Application-Software-Hardware projects, NeuroBlade has built trust and strong partnerships with leading hyperscalers.