

Azure Stack Edge Pro 2

An Azure managed appliance that brings the power of Azure compute, storage, and intelligence to the edge.

As the world digitizes, organizations generate more and more data at the edge. Data comes from many sources such as cameras, IoT sensors, and industrial automation. Organizations can benefit from analyzing, modifying, and filtering data where it is generated, and only transfer what they need to the cloud for further processing or storage.

Azure Stack Edge Pro 2 brings the compute, storage, and intelligence of Azure right to where you need it—whether that's your corporate data center, your branch office, factory floor and or retail space.



Get started easily with hardware as a service and a seamless cloud to edge experience.

Simply order your appliance from the Azure portal in a hardware-as-a-service model, paid monthly via your Azure subscription. Get a seamless cloud to edge experience where you configure, monitor and update your Azure Stack Edge with the same management portal and development tools that you've come to expect from Azure.



Run your applications at the edge close to the data. Run your containerized applications and VMs right at the edge where data is created and collected. Deploy applications on Kubernetes clusters with the click of a button, via IoT Hub or Arc. Analyze, transform, and filter data at the edge, sending only the data you need to the cloud for further processing or storage.



Analyze your data for quick actionable insights with hardware accelerated AI/ML. Build and train machine learning models in Azure or use Azure Cognitive service, and then utilize the NVIDIA A2 GPU to accelerate the results locally. Upload the full dataset or a subset to the cloud to retrain your models and make your edge devices even smarter.



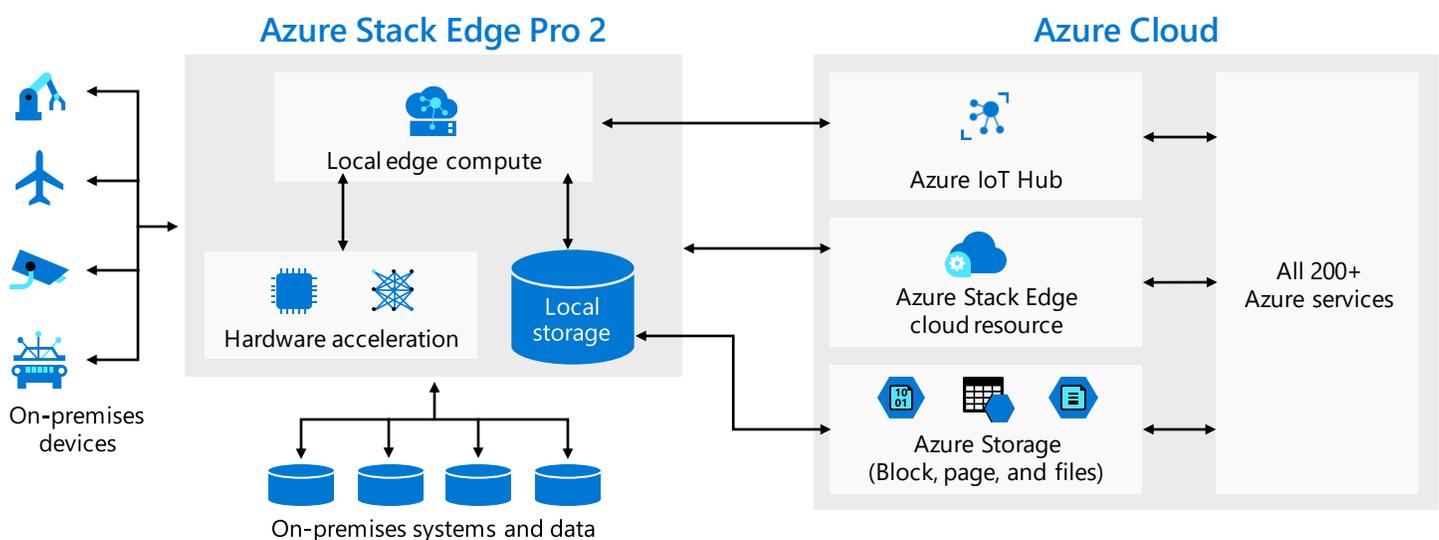
Transfer data, efficiently and easily between the cloud and edge. Azure Stack Edge Pro 2 acts as a cloud storage gateway and enables data transfers to Azure, while retaining local access to files. With its local cache capability and bandwidth throttling, to limit usage during peak business hours, Azure Stack Edge can be used to optimize your data transfers to Azure and back.

Azure Stack Edge Pro 2 is a compact cloud managed edge compute appliance from Microsoft. Instead of purchasing it, order from Azure as a service and pay monthly on your Azure subscription.



Do more at the Edge

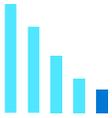
Bring the compute, storage, and intelligence of Azure to your location, giving you fast results on your data right where it is generated.



Why use Azure Stack Edge Pro 2

The Azure Stack Edge Pro 2 brings the compute, storage, and intelligence of Azure right to where you need it – whether that's your corporate data center, your branch office, factory floor or retail space. It is simple to order and use with high-speed connectivity to efficiently transfer data to the cloud. Easily manage your fleet of Azure Stack Edge devices from the Azure portal.

Use it to help solve challenges for edge scenarios like these:



Edge and remote site compute

Run applications at remote locations to speed transactions and address bandwidth constraints.



Machine learning at the edge

Run Machine Learning models right at the edge locations, transfer the data set you need to Azure to retrain and continue to improve your model.



Internet of Things

Includes Azure IoT Edge to enable connecting to all your local IoT devices and analyzing the data they generate.



Regulatory compliance

Analyze data locally before sending to the cloud to ensure it is compliant and follows your corporate data policies.



Network data transfer from the edge to the cloud

Easily and quickly transfer data to Azure for further compute or archival purposes or to expedite your cloud migration.

Technical specifications

Specification	Model 64G2T	Model 128G4T1GPU	Model 256G6T2GPU
CPU	Intel Xeon 6902U 32 vCPUs usable		
RAM	51 GB usable	102 GB usable	204 GB usable
Local storage capacity	720 GB usable	1.6 TB usable	2.5 TB usable
Acceleration	None	NVIDIA A2 GPU	2 x NVIDIA A2 GPUs
Data protection	256-bit data encryption; TPM 2.0		
Network interface	2 x 10 GbE RJ-45 2 x 100 GbE QSFP		
Form factor	2U half-depth chassis with flexible mounting options (rack, wall, or shelf) 16.5" x 17" x 3.5" / 350mm x 440mm x 86mm		
Power	550W PSU 110/240V (50/60 Hz)		

To order
Azure Stack Edge
Pro 2 or learn more

The Azure Stack Edge Pro 2 is available today.

To order Azure Stack Edge Pro 2 or to learn more about other products in the product family, visit azure.com/azurestackedge.