

Hey AI: Say bye to lag



Don't send your data 1,000 miles when AI success is right in front of you

Win the AI race by processing most of your data at the edge and making strategic data transfers to the cloud

Edge

Fast & efficient

Real-time responsiveness for on-premises applications

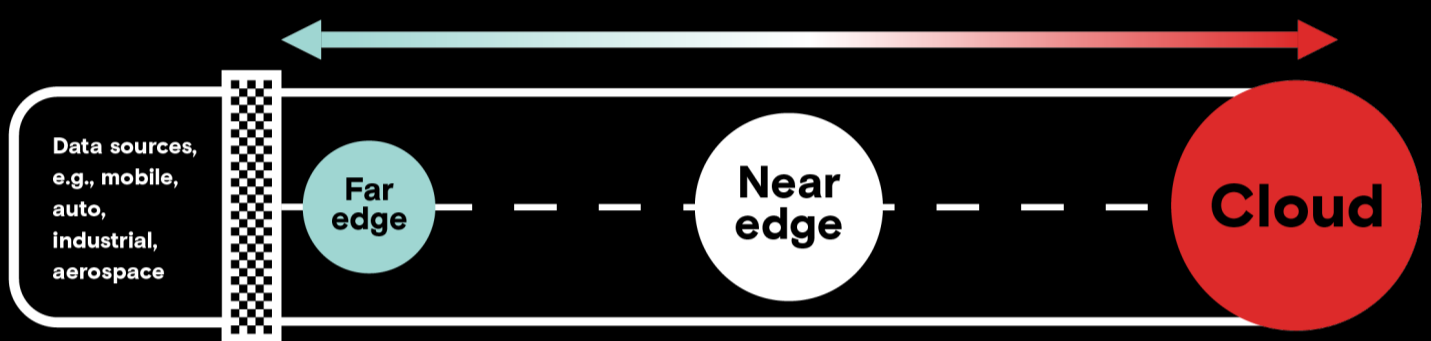
- Lower latency
- Lower power consumption
- Reduced data transport costs

Cloud

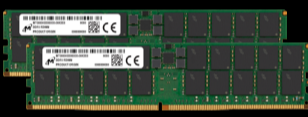



Massive & powerful

Data processing and model training

- Higher latency
- Higher power consumption
- Increased data transport costs



Memory and storage for cloud-to-edge strategies

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| <p>Next-gen Micron® DDR5 Server DRAM</p>  <p>Fast, efficient memory, plus significant energy savings</p> <table border="0"> <tr> <td>Edge</td> <td>Cloud</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Real-time AI inferencing • Edge AI training and tuning • Edge computing </td> <td> <ul style="list-style-type: none"> • AI model training • High-performance computing • Storing data lakes </td> </tr> </table> | Edge | Cloud | <ul style="list-style-type: none"> • Real-time AI inferencing • Edge AI training and tuning • Edge computing | <ul style="list-style-type: none"> • AI model training • High-performance computing • Storing data lakes | <p>Mainstream Micron® 7500 NVMe SSD</p>  <p>Secure, powerful storage for mainstream AI applications</p> <table border="0"> <tr> <td>Edge</td> <td>Cloud</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Edge AI training • IoT data management • NLP </td> <td> <ul style="list-style-type: none"> • Cloud storage • Big data • High-volume OLTP </td> </tr> </table> | Edge | Cloud | <ul style="list-style-type: none"> • Edge AI training • IoT data management • NLP | <ul style="list-style-type: none"> • Cloud storage • Big data • High-volume OLTP |
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| <p>High-performance Micron® 9550 NVMe SSD</p>  <p>Extreme performance for the most demanding AI workloads</p> <table border="0"> <tr> <td>Edge</td> <td>Cloud</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Real-time inferencing • Data aggregation and preprocessing • NLP and computer vision </td> <td> <ul style="list-style-type: none"> • AI model training • High-performance computing • Graph Neural Network (GNN) training </td> </tr> </table> | Edge | Cloud | <ul style="list-style-type: none"> • Real-time inferencing • Data aggregation and preprocessing • NLP and computer vision | <ul style="list-style-type: none"> • AI model training • High-performance computing • Graph Neural Network (GNN) training | <p>High-capacity Micron® 6500 ION NVMe SSD</p>  <p>Massive storage to unleash the potential of huge data lakes</p> <table border="0"> <tr> <td>Edge</td> <td>Cloud</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Model storage • Content delivery • Data aggregation and analytics </td> <td> <ul style="list-style-type: none"> • AI data lakes • Big data • Cloud infrastructure </td> </tr> </table> | Edge | Cloud | <ul style="list-style-type: none"> • Model storage • Content delivery • Data aggregation and analytics | <ul style="list-style-type: none"> • AI data lakes • Big data • Cloud infrastructure |
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Micron's customer support labs

Micron's labs rigorously test AI workloads on a wide range of platforms in the cloud, at the edge, and everywhere in-between



Your employees don't need to run a marathon every day. Neither does your data.

Micron's experts can show you how to reduce the load on your employees and your infrastructure. We work closely with clients at engineering sites across the country to optimize cloud-to-edge strategies for tailored AI workloads.

We can help you to better understand AI's potential (and limitations) and propel you ahead of your competitors.

Learn more at microncp.com/edgeAI