



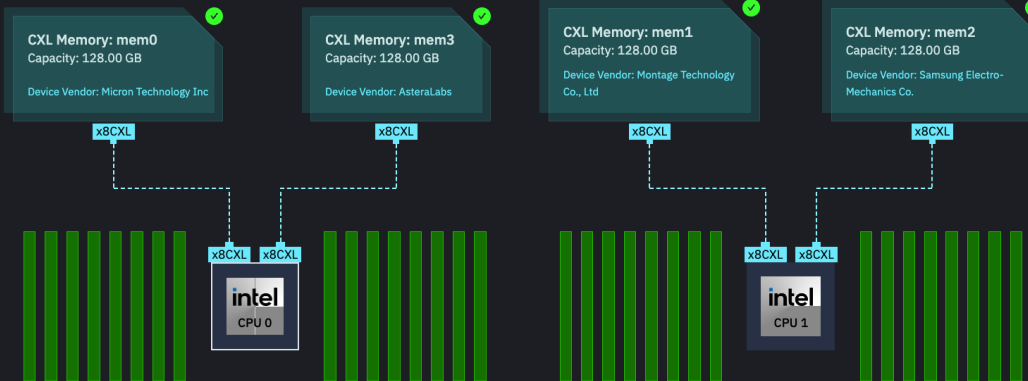
# Memory Viewer

**Observe memory** like never before

# What is Memory Viewer

- **Memory Viewer** presents system and device telemetry in an easy-to-understand user interface.
- System Topology
- CPU Utilization
- DRAM and CXL Utilization and Throughput
- Identify an application memory hot working set size

Overview

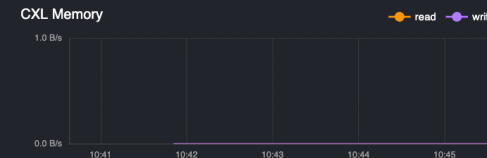
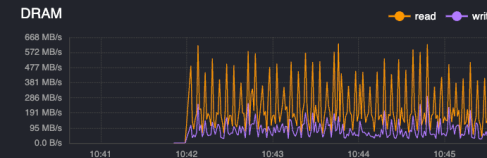


CXL Memory Capacity	512.00 GB
DRAM Capacity	1.97 TB
System Total Capacity	2.47 TB



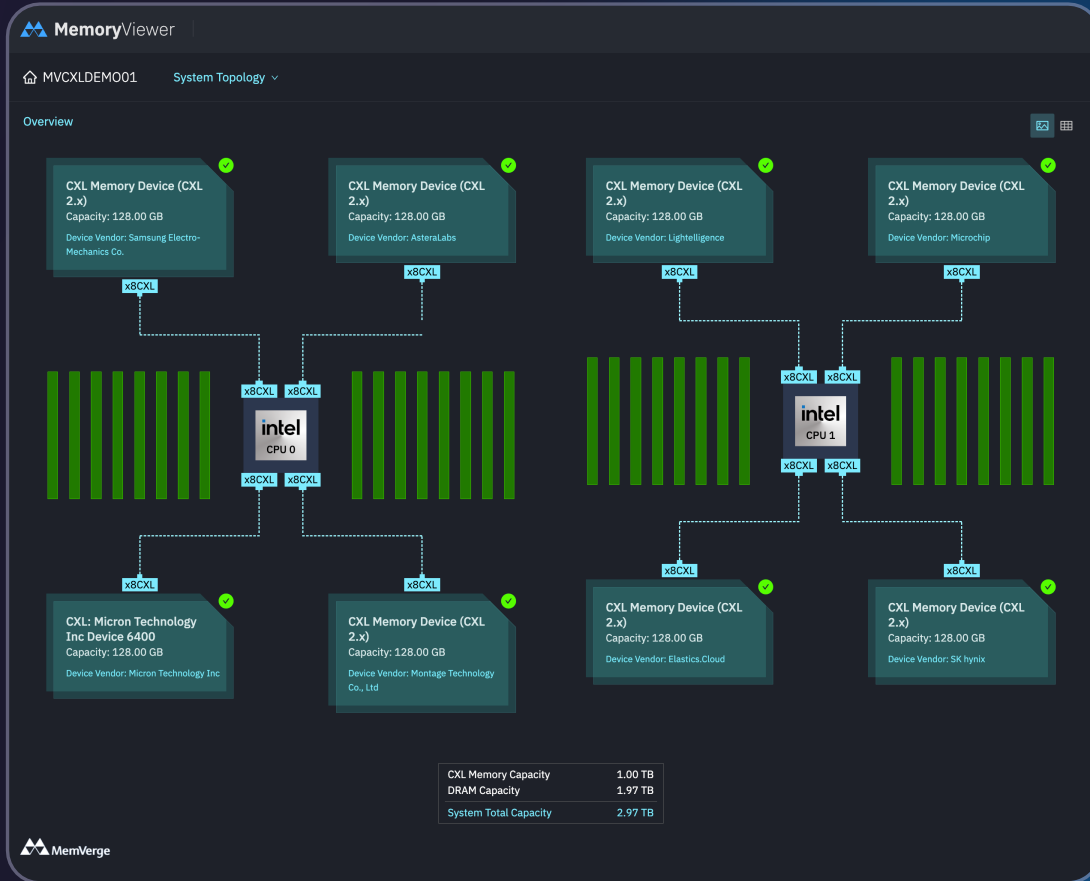
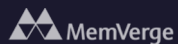
**CPU - Socket 0**  
Model Intel(R) Xeon(R) Platinum 8470 CPU @2.00GHz

<b>Cores</b> 52	<b>Threads</b> 104	<b>Current Speed</b> 2000 MHz	<b>Max Speed</b> 4000 MHz
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# Memory Viewer 1.2 Supports CXL

# Multi-Vendor CXL Device Support



# Cross-Platform Support

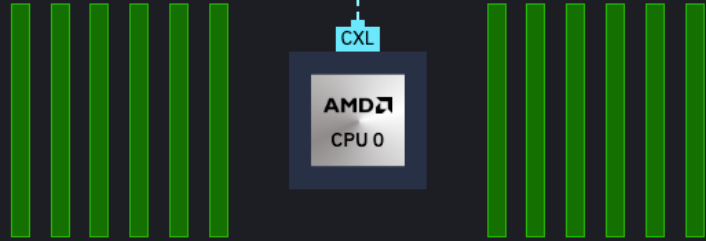
CXL Device: 6400  
Capacity: 128.00 GB

Device Vendor: Micron Technology, Inc.

CXL

CXL

AMD  
CPU 0



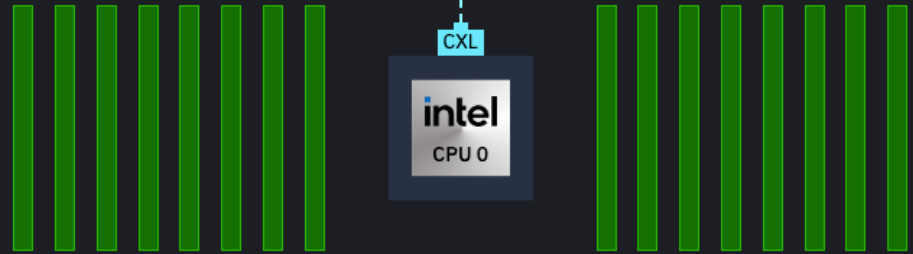
CXL Device: C001  
Capacity: 128.00 GB

Device Vendor: Montage Technology Co., Ltd.

CXL

CXL

intel  
CPU 0

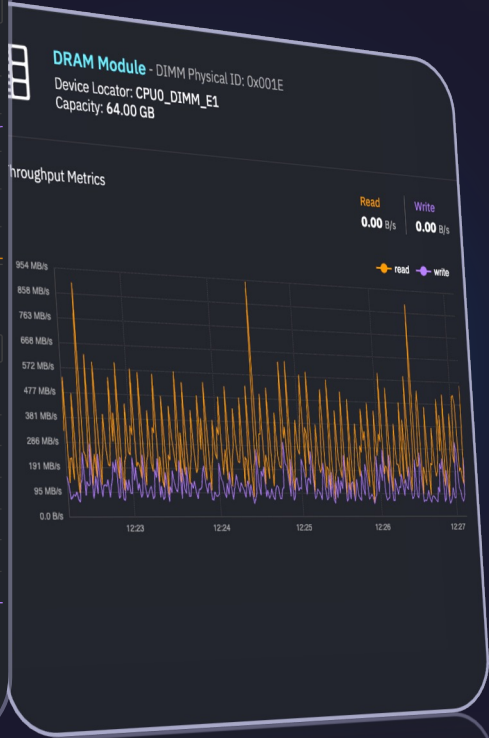
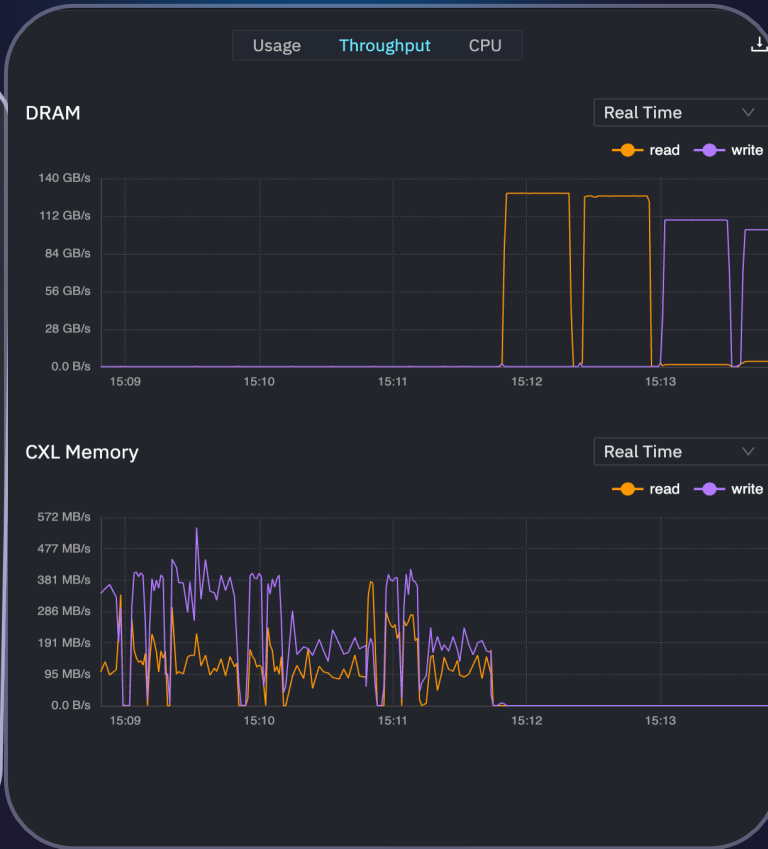
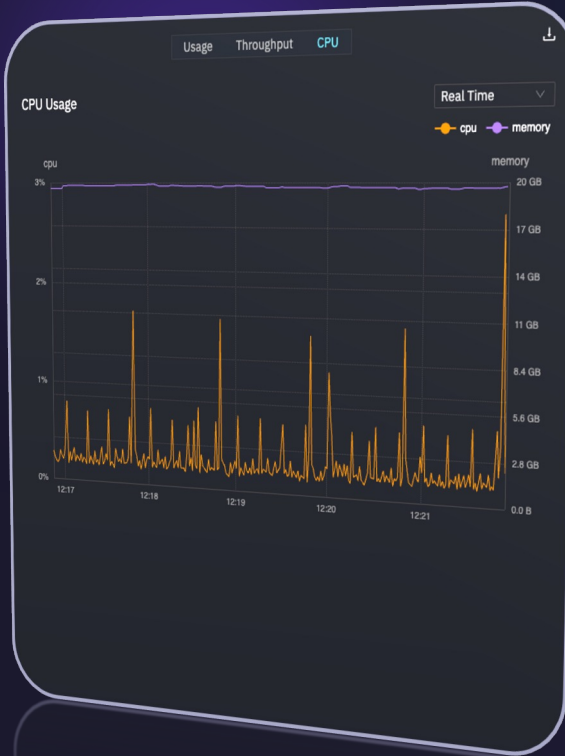


AMD

intel



# Real-Time CPU, DRAM, and CXL Metrics



# Real-Time DRAM and CXL Usage



# Identify Application Memory Hot Working Set Size





# Memory Viewer Demonstration



CPU - Socket 0

Model Intel(R) Platinum 8470 CPU @2.00GHz

**MemoryViewer** | **Elastics** | Press [F11] to exit full screen | Version v1.2.1

ELASTICS.CLOUD01 | System Topology

Overview

Usage | Throughput | CPU

**CXL Device: 1031**  
Capacity: 32.00 GB  
Device Vendor: Elastics.cloud

**intel CPU 0**

**intel CPU 1**

**DRAM** | Real Time | read | write

**CXL Memory** | Real Time | read | write

CXL Memory Capacity	32.00 GB
DRAM Capacity	503.57 GB
System Total Capacity	535.57 GB

MemVerge

write

write

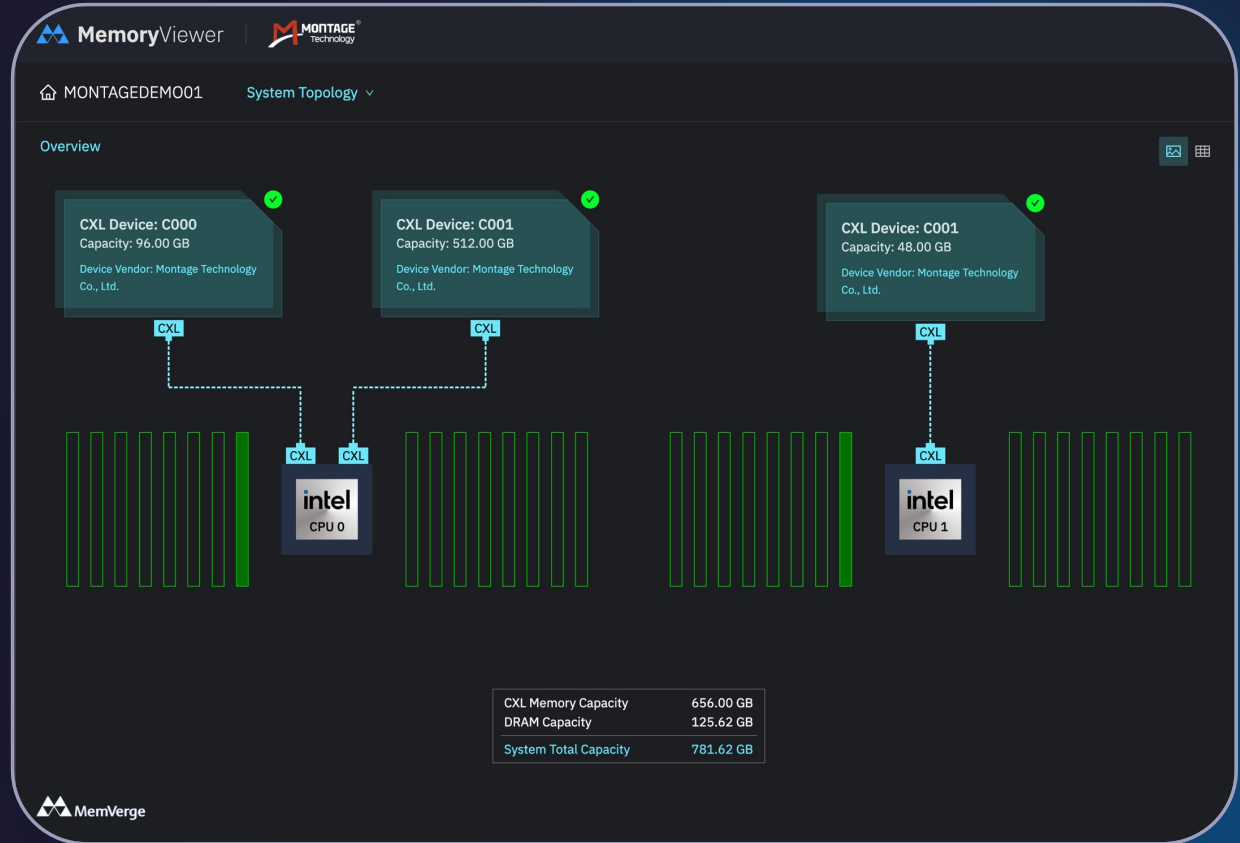
# Multi-Vendor CXL Devices using Montage Controller

Visit



Booth #115

For a live Demo



**Join the CXL Early Access Program**

**<https://memverge.com/cxl>**

