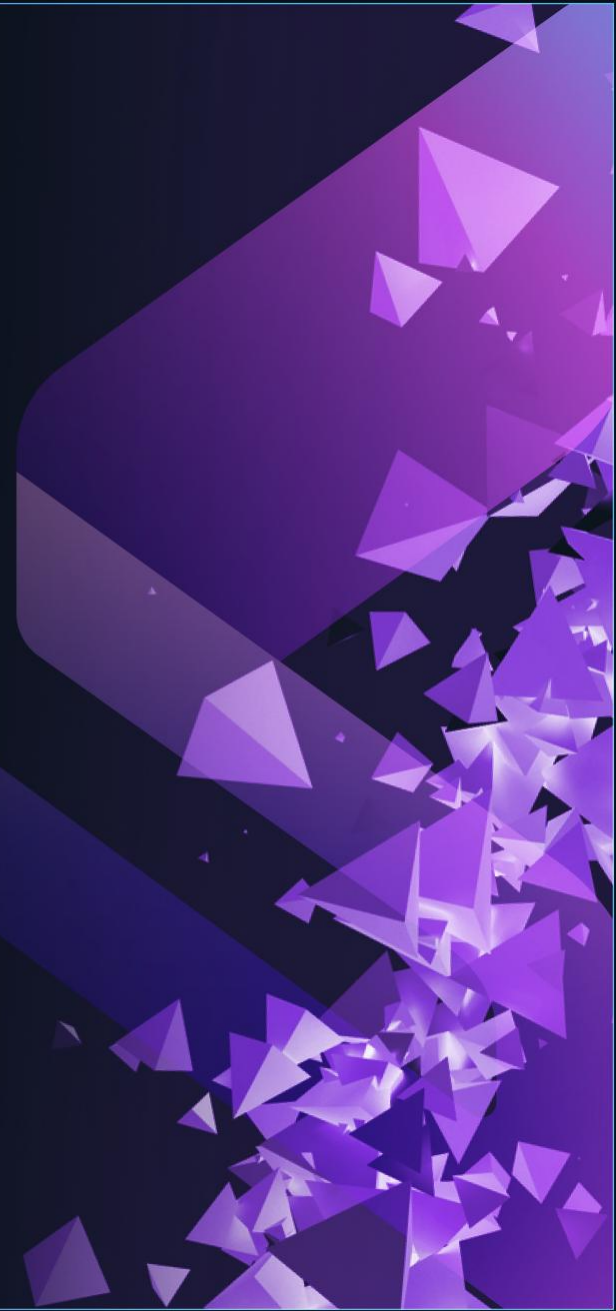


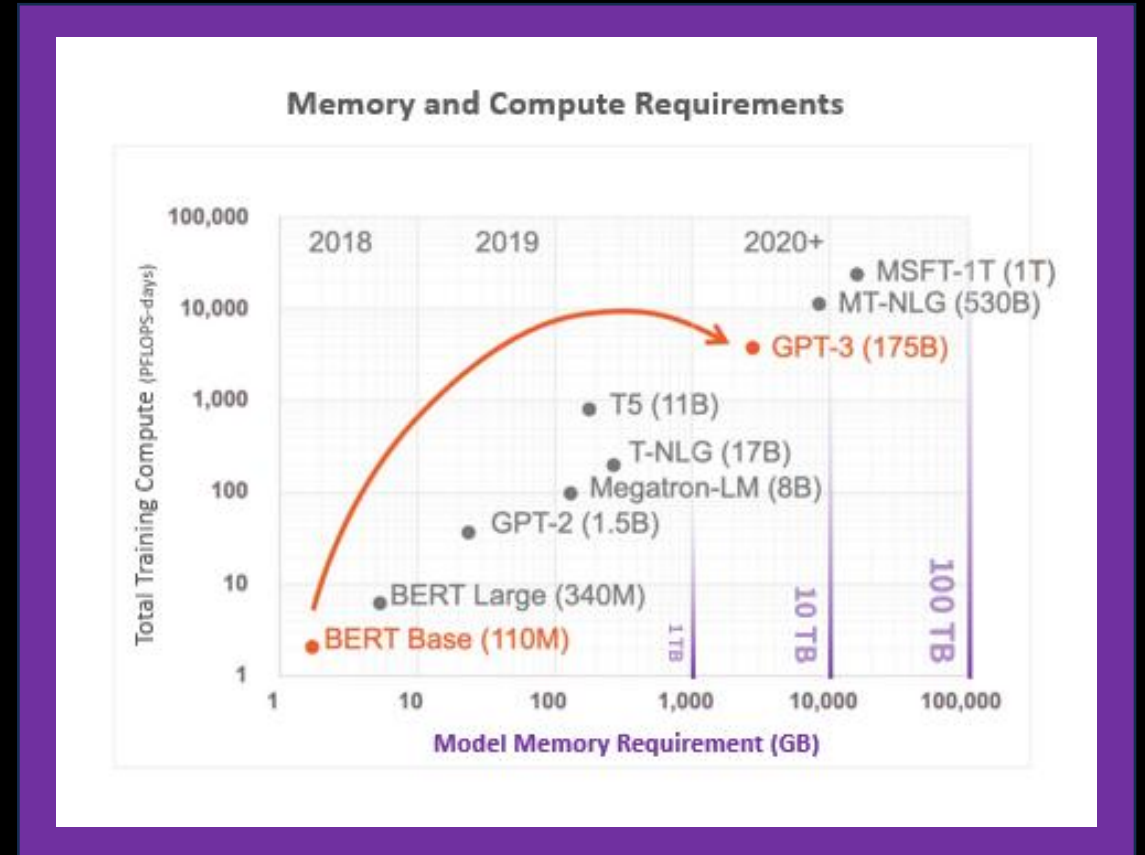
UnifabriX

Leader in Smart Memory Technology



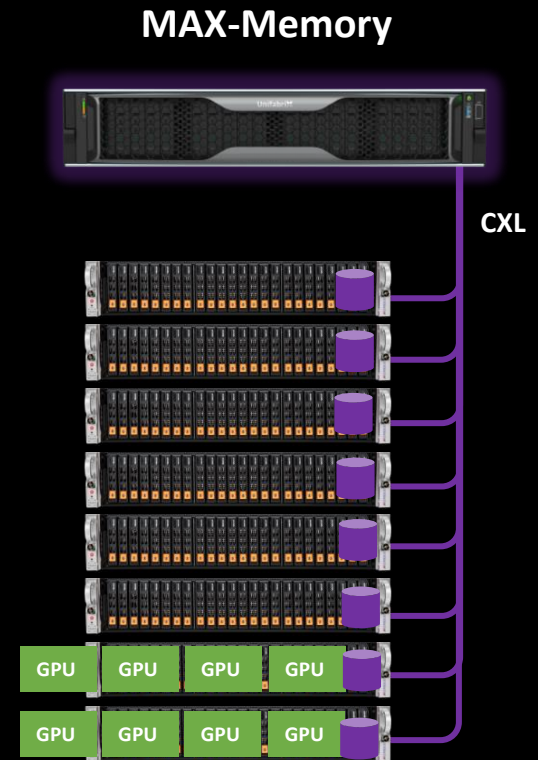
The Rise of AI Memory Fabrics

*The emergence of **Terabyte-Class Models** push the limits of the infrastructure toward **MEMORY FABRICS***
ML models grow exponentially



Meet MAX: World's first Software-Defined Memory Pool

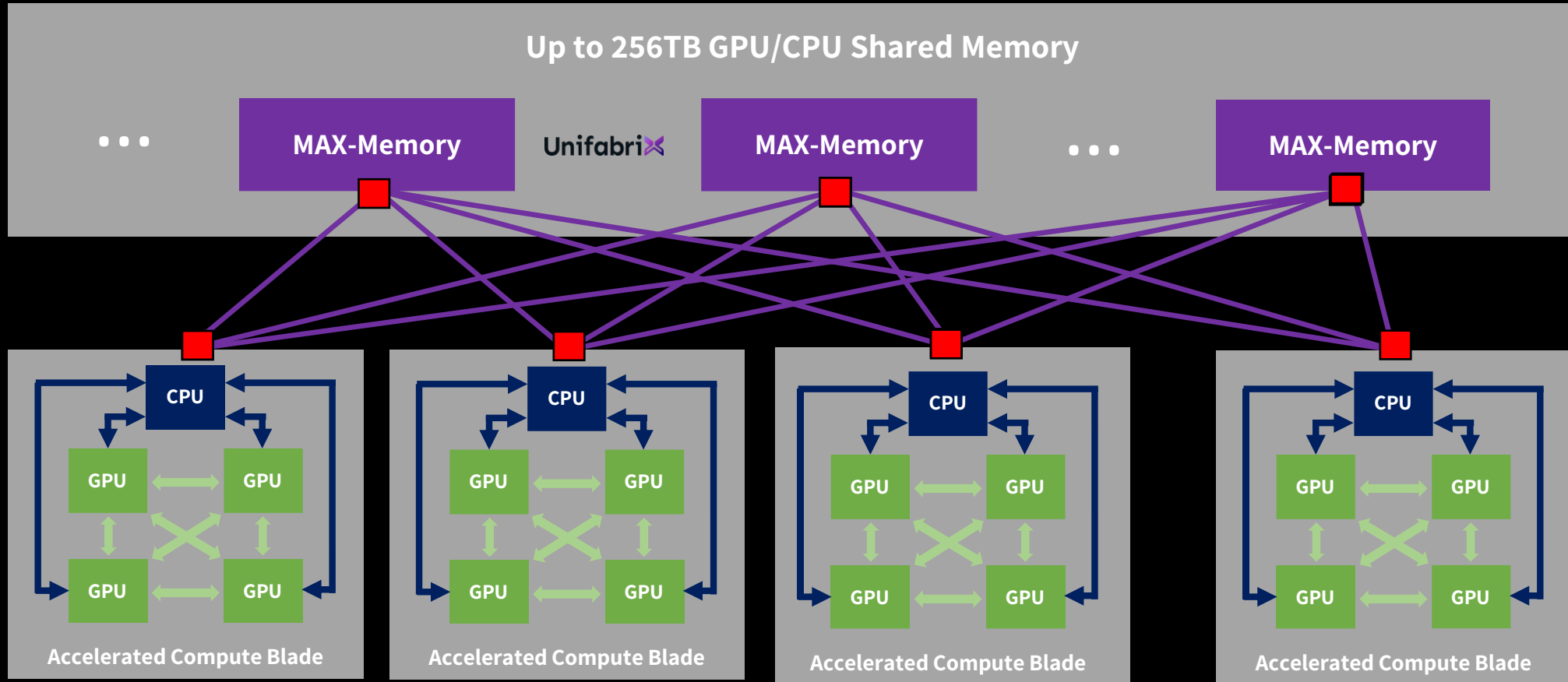
- Standard compliant: Works with any CXL 1.1/2.0 CPU and GPU
- Fits into any standard rack form-factor (2U)
- Large memory capacity 4-32 TB
- Scalable memory capacity >256 TB with CXL 3.1 fabric
- Scalable memory bandwidth >512 GB/s
- Memory Pooling and Adaptive Sharing
- Advanced Latency Displacement™
- High-Performance NVMe Storage
- PMEM replacement



Availability: We are ready, do you like to test the Memory Pool?

SuperScaling HPC & GenAI with MAX-Memory

UnifabriX MAX provides up to 256TB of GPU/CPU shared memory for the most demanding HPC & Generative AI workloads



The introduction of CXL opens the door to new opportunities

UnifabriX MAX - Acceleration across the board

MAX-Memory accelerates the highest demanding workloads

Use-case:
(benchmark)

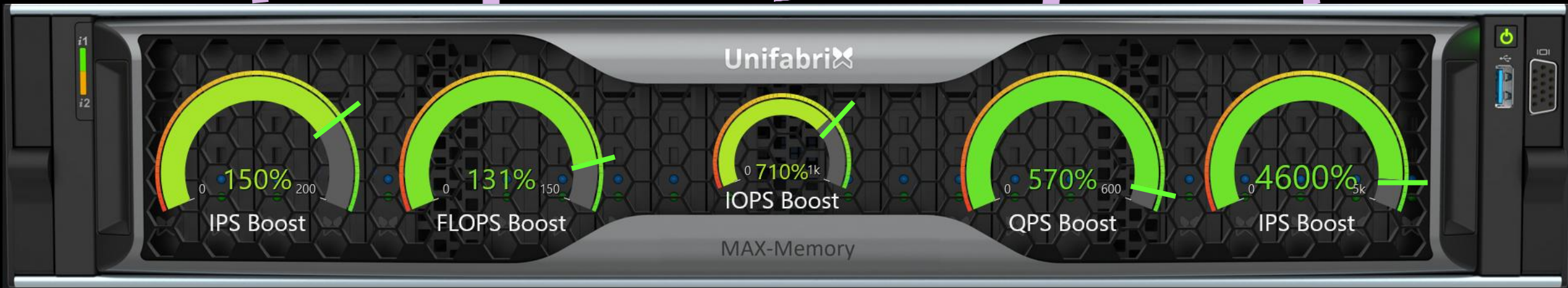
Generative AI
(BERT)

HPC
(HPCG)

Data crunching
(FIO)

Data analytics
(TPC-H)

AI Recommendation
Engine
(DIEN)



Meet MAX: World's first Software-Defined Memory Pool

- Inventory Management
- Orchestration API
- Performance Telemetry
- Autonomous Tiering
- HeatMap
- Adaptive Memory Sharing
- Smart Interleaving
- Memory-aaS
- Workload SLA
- FlexMemory
- RAS
- Memory Health PFA
- Security
- Virtualization



- Standard 2U FF
- 4-32 TB Memory
- CPU-Agnostic



- 2 x 400GE QSFP-DD
- CXLoE (CXL-oEthernet)

- 2 x CXL 3.1 Fabric Ports

- 8 x CXL 1.1/2.0 FE Ports
- Type-3 / Type-2
- CDFP Gen5/Gen6 x16
- SSDc-oM (NVMe-oCXL)
- EoCXL (Ethernet-oCXL)

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