

Cross-Device Optimizations

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graph TD; A[Cross-Device Optimizations] --> B[Avoid data transfers]; A --> C[Reduce cost of data transfers]; B --> D[Data placement strategies]; B --> E[GPU-aware optimizer]; C --> F[Compression]; C --> G[Overlap transfer with processing]; C --> H[Use pinned host memory];
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Avoid data transfers

Data placement strategies

GPU-aware optimizer

Reduce cost of data transfers

Compression

Overlap transfer with processing

Use pinned host memory