

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

Reduce cost of
data transfers

Data placement
strategies

GPU-aware
optimizer

Compression

Overlap transfer
with processing

Use pinned
host memory