Emulation Backend Capability Matrix

	eBPF Offloading	Shared Memory	Computational Storage	Arbitrary Computation	Parallel Processing	P2P Transfer	ERA Pipeline	Basic Storage	Basic Retrieval	Basic Similarity
OpenCSD Emulator	Supported	Not Supported	Supported	Supported	Not Supported	Supported	Supported	Supported	Supported	Supported
SPDK vfio-user	Not Supported	Supported	Not Supported	Not Supported	Supported	Supported	Supported	Supported	Supported	Supported

Feature Support