

**RMARaceBench SHMEM**

Category	Local	Remote	$\Sigma$
Atomic	$\emptyset$	001-009	9
Conflict	001-015	016-049	49
Hybrid	001-010	011-022	22
Misc	001-008	009-018	18
Sync	001-006	007-024	24

**NVSHMEM Port GPUInitiated**

Category	Supported by NVSHMEM			Not supported by NVSHMEM		
	Local	Remote	$\Sigma$	Local	Remote	$\Sigma$
Atomic	$\emptyset$	004-009	6	$\emptyset$	001-003	3
Conflict	001-015	016-043, 046	44	$\emptyset$	044-045, 047-049	5
Misc	001-008	009-018	18	$\emptyset$	$\emptyset$	0
Sync	001-006	007-012, 018, 021-024	17	$\emptyset$	013-017, 019-020	7

**NVSHMEM Port HostInitiated**

Category	Supported by NVSHMEM			Not supported by NVSHMEM		
	Local	Remote	$\Sigma$	Local	Remote	$\Sigma$
Atomic	$\emptyset$	$\emptyset$	0	$\emptyset$	001-009	9
Conflict	001-009	016-019, 022-024, 034-043	26	010-015	020-021, 025-033, 044-049	23
Misc	001-008	009-018	18	$\emptyset$	$\emptyset$	0
Sync	001-004	007-012, 018, 021-024	15	005-006	013-017, 019-020	9

**NVSHMEM Port HybridInitiated**

Category	Supported by NVSHMEM			Not supported by NVSHMEM		
	Local	Remote	$\Sigma$	Local	Remote	$\Sigma$
Atomic	$\emptyset$	$\emptyset$	0	$\emptyset$	001-009	9
Conflict	001-015	016-028, 032-043	40	$\emptyset$	029-031, 044-049	9
Misc	001-008	009-018	18	$\emptyset$	$\emptyset$	0
Sync	001-004	007-012, 018, 021-024	15	005-006	013-017, 019-020	9