| **PSMDB** | **MongoDB** | **TokuMX** |
| --- | --- | --- |
| **Storage Engines** | * [WiredTiger](https://docs.mongodb.org/manual/core/wiredtiger/) (default) * [MMAPv1](https://docs.mongodb.org/manual/core/mmapv1/) * [Percona Memory Engine](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/inmemory.html#inmemory) * [MongoRocks](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/mongorocks.html#mongorocks) | * [WiredTiger](https://docs.mongodb.org/manual/core/wiredtiger/) (default) * [MMAPv1](https://docs.mongodb.org/manual/core/mmapv1/) * [In-Memory](https://docs.mongodb.com/v3.4/core/inmemory/)(Enterprise only) | Built-in storage engine based on the Fractal Tree index |
| [**Hot Backup**](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/hot-backup.html#hot-backup) | YES for [WiredTiger](https://docs.mongodb.org/manual/core/wiredtiger/" \t "_blank) and [MongoRocks](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/mongorocks.html" \l "mongorocks) | NO | YES |
| [**Audit Logging**](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/audit-logging.html#audit-log) | YES | Enterprise only | YES |
| [**External SASL Authentication**](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/authentication.html#ext-auth) | YES | Enterprise only | NO |
| [**Profiling Rate Limit**](https://www.percona.com/doc/percona-server-for-mongodb/LATEST/rate-limit.html#rate-limit) | YES | NO | NO |
| **Geospatial Indexes** | YES | YES | YES |
| **Text Search** | YES | YES | NO |
| **ACID and MVCC compliant** | NO | NO | YES |
| **Clustering Key Support** | NO | NO | YES |
| **Sharding with Clustering Keys** | NO | NO | YES |
| **Point-in-time Recovery** | NO | Enterprise only | YES |