System Variable	innodb_page_size
Scope	Global
Dynamic	No
SET_VAR Hint Applies	No
Type	Enumeration
Default Value	16384
Valid Values	4096 8192 16384 32768 65536

Specifies the page size for InnoDB tablespaces. Values can be specified in bytes or kilobytes. For example, a 16 kilobyte page size value can be specified as 16384, 16KB, or 16k.

innodb_page_size can only be configured prior to initializing the MySQL instance and cannot be changed afterward. If no value is specified, the instance is initialized using the default page size. See Section 15.8.1, “InnoDB Startup Configuration”.

For both 32KB and 64KB page sizes, the maximum row length is approximately 16000 bytes. ROW_FORMAT=COMPRESSED is not supported when innodb_page_size is set to 32KB or 64KB. For innodb_page_size=32KB, extent size is 2MB. For innodb_page_size=64KB, extent size is 4MB. innodb_log_buffer_size should be set to at least 16M (the default) when using 32KB or 64KB page sizes.

The default 16KB page size or larger is appropriate for a wide range of workloads, particularly for queries involving table scans and DML operations involving bulk updates. Smaller page sizes might be more efficient for OLTP workloads involving many small writes, where contention can be an issue when single pages contain many rows. Smaller pages might also be efficient with SSD storage devices, which typically use small block sizes. Keeping the InnoDB page size close to the storage device block size minimizes the amount of unchanged data that is rewritten to disk.

The minimum file size for the first system tablespace data file (ibdata1) differs depending on the innodb_page_size value. See the innodb_data_file_path option description for more information.

A MySQL instance using a particular InnoDB page size cannot use data files or log files from an instance that uses a different page size.

For general I/O tuning advice, see Section 8.5.8, “Optimizing InnoDB Disk I/O”.

- innodb_parallel_read_threads

Command-Line Format	--innodb-parallel-read-threads=#
Introduced	8.0.14
System Variable	innodb_parallel_read_threads
Scope	Session