function. Each buffer pool manages its own free lists, flush lists, LRUs, and all other data structures connected to a buffer pool, and is protected by its own buffer pool mutex.

This option only takes effect when setting `innodb_buffer_pool_size` to 1GB or more. The total buffer pool size is divided among all the buffer pools. For best efficiency, specify a combination of `innodb_buffer_pool_instances` and `innodb_buffer_pool_size` so that each buffer pool instance is at least 1GB.

The default value on 32-bit Windows systems depends on the value of `innodb_buffer_pool_size`, as described below:

- If `innodb_buffer_pool_size` is greater than 1.3GB, the default for `innodb_buffer_pool_instances` is `innodb_buffer_pool_size`/128MB, with individual memory allocation requests for each chunk. 1.3GB was chosen as the boundary at which there is significant risk for 32-bit Windows to be unable to allocate the contiguous address space needed for a single buffer pool.
- Otherwise, the default is 1.

On all other platforms, the default value is 8 when `innodb_buffer_pool_size` is greater than or equal to 1GB. Otherwise, the default is 1.

For related information, see Section 15.8.3.1, “Configuring InnoDB Buffer Pool Size”.

- `innodb_buffer_pool_load_abort`

Command-Line Format	`--innodb-buffer-pool-load-abort[={OFF|ON}]`
System Variable	`innodb_buffer_pool_load_abort`
Scope	Global
Dynamic	Yes
`SET_VAR` Hint Applies	No
Type	Boolean
Default Value	`OFF`

Interrupts the process of restoring `InnoDB` buffer pool contents triggered by `innodb_buffer_pool_load_at_startup` or `innodb_buffer_pool_load_now`.

For more information, see Section 15.8.3.6, “Saving and Restoring the Buffer Pool State”.

- `innodb_buffer_pool_load_at_startup`

Command-Line Format	`--innodb-buffer-pool-load-at-startup[={OFF|ON}]`
System Variable	`innodb_buffer_pool_load_at_startup`
Scope	Global
Dynamic	No
`SET_VAR` Hint Applies	No
Type	Boolean