

SCSI Kernel Parameters

See Documentation/admin-guide/kernel-parameters.rst for general information on specifying module parameters.

This document may not be entirely up to date and comprehensive. The command `modinfo -p ${modulename}` shows a current list of all parameters of a loadable module. Loadable modules, after being loaded into the running kernel, also reveal their parameters in `/sys/module/${modulename}/parameters/`. Some of these parameters may be changed at runtime by the command `echo -n ${value} > /sys/module/${modulename}/parameters/${parm}`.

advansys=	[HW,SCSI] See header of drivers/scsi/advansys.c.
aha152x=	[HW,SCSI] See Documentation/scsi/aha152x.rst.
aha1542=	[HW,SCSI] Format: <portbase>[,<buson>,<busoff>[,<dmaspeed>]]
aic7xxx=	[HW,SCSI] See Documentation/scsi/aic7xxx.rst.
aic79xx=	[HW,SCSI] See Documentation/scsi/aic79xx.rst.
atascsi=	[HW,SCSI] See drivers/scsi/atari_scsi.c.
BusLogic=	[HW,SCSI] See drivers/scsi/BusLogic.c, comment before function BusLogic_ParseDriverOptions().
gvpl1=	[HW,SCSI]
ips=	[HW,SCSI] Adaptec / IBM ServeRAID controller See header of drivers/scsi/ips.c.
mac5380=	[HW,SCSI] See drivers/scsi/mac_scsi.c.
scsi_mod.max_luns=	[SCSI] Maximum number of LUNs to probe. Should be between 1 and 2^32-1.
scsi_mod.max_report_luns=	[SCSI] Maximum number of LUNs received. Should be between 1 and 16384.
NCR_D700=	[HW,SCSI] See header of drivers/scsi/NCR_D700.c.
ncr5380=	[HW,SCSI] See Documentation/scsi/g_NCR5380.rst.
ncr53c400=	[HW,SCSI] See Documentation/scsi/g_NCR5380.rst.
ncr53c400a=	[HW,SCSI] See Documentation/scsi/g_NCR5380.rst.
ncr53c8xx=	[HW,SCSI]
osst=	[HW,SCSI] SCSI Tape Driver Format: <buffer_size>,<write_threshold> See also Documentation/scsi/st.rst.
scsi_debug_*=	[SCSI] See drivers/scsi/scsi_debug.c.
scsi_mod.default_dev_flags=	[SCSI] SCSI default device flags Format: <integer>
scsi_mod.dev_flags=	[SCSI] Black/white list entry for vendor and model Format: <vendor>:<model>:<flags> (flags are integer value)
scsi_mod.scsi_logging_level=	

[SCSI] a bit mask of logging levels
See drivers/scsi/scsi_logging.h for bits. Also
settable via sysctl at dev.scsi.logging_level
(/proc/sys/dev/scsi/logging_level).
There is also a nice 'scsi_logging_level' script in the
S390-tools package, available for download at
https://github.com/ibm-s390-linux/s390-tools/blob/master/scripts/scsi_logging_level

scsi_mod.scan= [SCSI] sync (default) scans SCSI busses as they are
discovered. async scans them in kernel threads,
allowing boot to proceed. none ignores them, expecting
user space to do the scan.

sim710= [SCSI,HW]
See header of drivers/scsi/sim710.c.

st= [HW,SCSI] SCSI tape parameters (buffers, etc.)
See Documentation/scsi/st.rst.

wd33c93= [HW,SCSI]
See header of drivers/scsi/wd33c93.c.