

STA- Endorsed Terminology for SCSI Parallel Interface Technology

[SCSI Terms](#)

- STA overview of the different SCSI Standards and Cables.

STA Terms	Bus Speed, MBytes/Sec. Max.	Bus Width, bits	Max. Bus Lengths, Meters ⁽¹⁾			Max. Device Support
			Single-ended	LVD	HVD	
SCSI-1 (2)	5	8	6	(3)	25	8
Fast SCSI (2)	10	8	3	(3)	25	8
Fast Wide SCSI	20	16	3	(3)	25	16
Ultra SCSI (2)	20	8	1.5	(3)	25	8
Ultra SCSI (2)	20	8	3	-	-	4
Wide Ultra SCSI	40	16	-	(3)	25	16
Wide Ultra SCSI	40	16	1.5	-	-	8
Wide Ultra SCSI	40	16	3	-	-	4
Ultra2 SCSI (2,4)	40	8	(4)	12	25	8
Wide Ultra2 SCSI (4)	80	16	(4)	12	25	16
Ultra3 SCSI or Ultra160 (6)	160	16	(4)	12	(5)	16
Ultra320	320	16	(4)	12	(5)	16

Notes:

(1) The listed maximum bus lengths may be exceeded in Point-to-Point and engineered applications.

(2) Use of the word "Narrow", preceding SCSI, Ultra SCSI, or Ultra2 SCSI is optional.

(3) LVD was not defined in the original SCSI standards for this speed. If all devices on the bus support LVD, then 12-meters operation is possible at this speed. However, if any device on the bus is single-ended only, then the entire bus switches to single-ended mode and the distances in the single-ended column apply.

(4) Single-ended is not defined for speeds beyond Ultra.

(5) HVD (Differential) is not defined for speeds beyond Ultra2.

(6) After Ultra2 all new speeds are wide only.