

## ASCII Character Set

000	NUL (CTRL+@)	016	DLE (CTRL+P)	032	space	048	Ø	064	@	080	P	096	`	112	p -0
001	SOH (CTRL+A)	017	DC1 (CTRL+Q)	033	!	049	1	065	A	081	Q	097	a	113	q -1
002	STX (CTRL+B)	018	DC2 (CTRL+R)	034	"	050	2	066	B	082	R	098	b	114	r -2
003	ETX (CTRL+C)	019	DC3 (CTRL+S)	035	#	051	3	067	C	083	S	099	c	115	s -3
004	EOT (CTRL+D)	020	DC4 (CTRL+T)	036	\$	052	4	068	D	084	T	100	d	116	t -4
005	ENQ (CTRL+E)	021	NAK (CTRL+U)	037	%	053	5	069	E	085	U	101	e	117	u -5
006	ACK (CTRL+F)	022	SYN (CTRL+V)	038	&	054	6	070	F	086	V	102	f	118	v -6
007	BEL (CTRL+G)	023	ETB (CTRL+W)	039	'	055	7	071	G	087	W	103	g	119	w -7
008	BS (CTRL+H)	024	CAN (CTRL+X)	040	(	056	8	072	H	088	X	104	h	120	x -8
009	HT Horiz Tab	025	EM (CTRL+Y)	041	)	057	9	073	I	089	Y	105	i	121	y -9
010	LF Line Feed	026	SUB (CTRL+Z)	042	*	058	:	074	J	090	Z	106	j	122	z
011	VT Vert Tab	027	ESC Altmode	043	+	059	;	075	K	091	[	107	k	123	{
012	FF Form Feed	028	FS (CTRL+\)	044	,	060	<	076	L	092	\	108	l	124	
013	CR (RETURN)	029	GS (CTRL+])	045	-	061	=	077	M	093	]	109	m	125	}
014	SO (CTRL+N)	030	RS (CTRL+^)	046	.	062	>	078	N	094	^	110	n	126	~
015	SI (CTRL+O)	031	US (CTRL+_)	047	/	063	?	079	O	095	_	111	o	127	DEL Rubout

## Synergy DBL-Supported Terminal Keys with Special Functions

Function	Windows	Unix	OpenVMS
Resume terminal output at the point that CTRL+S suspended it. Does not echo to the terminal.	N/A	CTRL+Q	CTRL+Q
Suspend terminal output until a subsequent CTRL+Q is used to resume it. CTRL+S enables you to temporarily stop information from scrolling off the top of the CRT screen. Does not echo to the terminal.	N/A	CTRL+S	CTRL+S
Interrupt program execution, unless the program uses the FLAGS subroutine to ignore this signal. If it's not ignored, a single key terminates a Synergy program that is not running in debug mode. If the program is running in debug mode, this key returns control to the debugger. This key typed as input to the debugger terminates the program. Echoes to the terminal as CTRL+C on OpenVMS. Does not echo on Unix.	CTRL+C	DELETE or RUBOUT	CTRL+C
Quit program execution. System option #16 maps this key to the interrupt key.	N/A	CTRL+\	CTRL+Y
Toggle suspension of terminal output.	N/A	N/A	CTRL+O
Discard the current line of input. You can use the FLAGS subroutine flag 4 to specify how kill-character echoing is to be handled. Echoes to the terminal as CTRL+U or CTRL+X.	CTRL+U or CTRL+X	CTRL+U or CTRL+X	CTRL+U or CTRL+X also flushes type ahead
Discard the last character typed on the current, unfinished line of input. You can use the FLAGS subroutine flag 4 to specify how character deletions will be indicated to the user.	BACKSPACE	CTRL+H or BACKSPACE	DELETE, RUBOUT, or BACKSPACE
Logically signal an "End of file" condition for terminal input. Echoes to the terminal as the EOF character on Unix and as CTRL+Z on OpenVMS.	CTRL+Z	CTRL+D	CTRL+Z
Display process status.	N/A	N/A	CTRL+T

# Synergy DBL Maximums

Item	Usage	Maximum size	Min Value	Max Value
Filename	OPEN, ISINFO	a512 on Windows. a255 on Unix, OpenVMS		
ISAM file options	ISINFO FOPT	a64		
ISAM key type	ISINFO KTYPE	a1		
ISAM null value type	ISINFO NULL	a11		
ISAM null value	ISINFO NULLVALUE	a1 or a1024 on Windows, Unix. a1 on OpenVMS		
ISAM key name	ISINFO, ISAMC KEYNAME	a15 on Windows, Unix. a32 on OpenVMS		
ISAM key specification	ISINFO STRING	a1500		
ISAM key length	ISINFO KEYLENGTH	d3 or i2	1	255
ISAM key size	READ	a251 or a254 on Windows, Unix a255 on OpenVMS		
ISAM record length	READ	a65534 (minus overhead) on Windows, Unix* a32234 on OpenVMS		
Number of ISAM keys	ISINFO, ISAMC NUMKEYS		1	255
RFA	READ	a6	a6	a6
GRFA	READ	a10	a10	a10
SEND/RECV message	SEND/RECV	4096 on Unix (configurable through synd) a15383 on OpenVMS		
SEND/RECV ID	SEND/RECV	a6 on Windows, Unix. a39 on OpenVMS		
Variable name size		30		
Common variable name		30		
Label		30		
Channel numbers		d4 or i2	1	1024
Alpha variable, named record, and structure		a65535 in traditional Synergy 32-bit, OpenVMS a256000000 in Synergy .NET, 64-bit platforms		
Integer variable		i1, i2, i4, or i8		
Decimal variable		d28		
Implied-decimal variable		d56.28		
Packed variable		p18		
Implied-packed variable		p28.10		
i1 (signed)		d3	-128	127
Unsigned i1	%UNSIGNED	d3	0	255
i2 (signed)		d5	-32768	32767
Unsigned i2	%UNSIGNED	d5	0	65535
i4 (signed)		d10	-2147483648	2147483647
Unsigned i4	%UNSIGNED	d10	0	4294967295
i8 (signed)		d19 (returned as i8)	-2 <sup>63</sup>	2 <sup>63</sup> - 1
Unsigned i8	%UNSIGNED BIGNUM on negative i8	d19 (returned as i8)	0	2 <sup>63</sup> - 1
Program source line length (physical or logical)		8192		
Modules in an ELB		4096		
Open ELBs		256		
ELB specification length		32		

\* In Synergy .NET and 64-bit traditional Synergy, a file created with a variable record type and a maximum record size of 0 can contain larger records that are limited only by the amount of memory you have available or 2 GB.