

Unsigned Integer Limits

Size	Min	Max
byte	0	2^8-1 (255)
word	0	$2^{16}-1$ (65,535)
doubleword	0	$2^{32}-1$ ($\approx 4,000,000,000$)
quadword	0	$2^{64}-1$

Signed Integer Limits

Size	Min	Max
byte	-2^7 (-128)	2^7-1 (127)
word	-2^{15} (-32,768)	$2^{15}-1$ (32,767)
doubleword	-2^{31} (\approx -2,000,000,000)	$2^{31}-1$ (\approx 2,000,000,000)
quadword	-2^{63}	$2^{63}-1$