

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8		

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16		

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16	word	short

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16	word	short
32		

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16	word	short
32	doubleword	int

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16	word	short
32	doubleword	int
64		

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
8	byte	char
16	word	short
32	doubleword	int
64	quadword	long

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
4		
8	byte	char
16	word	short
32	doubleword	int
64	quadword	long

Data Storage Units



Number of bits	Storage Term	C++ Data Type
1	bit	
4	nibble	
8	byte	char
16	word	short
32	doubleword	int
64	quadword	long

Unsigned Integer ranges



Storage Unit	Range
byte	0 .. 255
word	0 .. 65,535
doubleword	0 .. 4,294,967,295
quadword	0 .. 18,446,744,073,709,551,615