



**Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!**

### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'fmaxl.3'***

#### ***\$ man fmaxl.3***

FMAX(3)                      Linux Programmer's Manual                      FMAX(3)

#### NAME

fmax, fmaxf, fmaxl - determine maximum of two floating-point numbers

#### SYNOPSIS

```
#include <math.h>
```

```
double fmax(double x, double y); float fmaxf(float x, float y); long double fmaxl(long double x, long double y);
```

Link with -lm.

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

```
fmax(), fmaxf(), fmaxl():
```

```
  _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
```

#### DESCRIPTION

These functions return the larger value of x and y.

#### RETURN VALUE

These functions return the maximum of x and y.

If one argument is a NaN, the other argument is returned.

If both arguments are NaN, a NaN is returned.

#### ERRORS

No errors occur.

#### VERSIONS

These functions first appeared in glibc in version 2.1.

#### ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

??

?Interface           ? Attribute   ? Value ?

??

?fmax(), fmaxf(), fmaxl() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

C99, POSIX.1-2001, POSIX.1-2008.

SEE ALSO

fdim(3), fmin(3)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

2017-09-15

FMAX(3)