



Linux Ubuntu 26.04 Manual Pages on command 'fmin.3'

\$ man fmin.3

fmin(3) Library Functions Manual fmin(3)

NAME

fmin, fminf, fminl - determine minimum of two floating-point numbers

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <math.h>

double fmin(double x, double y);

float fminf(float x, float y);

long double fminl(long double x, long double y);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

```
fmin(), fminf(), fminl():
    _ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
```

DESCRIPTION

These functions return the lesser value of x and y.

RETURN VALUE

These functions return the minimum 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.

ATTRIBUTES

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

[illegible]

?	Interface	?	Attribute	?	Value	?
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[illegible]

? fmin(), fminf(), fminl()	? Thread safety ? MT-Safe ?
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[illegible]

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

 $\text{fdim}(3), \text{fmax}(3)$

Linux man-pages 6.17

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