

gnutls\_x509\_privkey\_import\_ecc\_raw(3)            gnutls            gnutls\_x509\_privkey\_import\_ecc\_raw(3)

## NAME

gnutls\_x509\_privkey\_import\_ecc\_raw - API function

## SYNOPSIS

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_privkey_import_ecc_raw(gnutls_x509_privkey_t key, gnutls_ecc_curve_t curve, const gnutls_datum_t * x, const gnutls_datum_t * y, const gnutls_datum_t * k);
```

## ARGUMENTS

gnutls\_x509\_privkey\_t key  
The data to store the parsed key

gnutls\_ecc\_curve\_t curve  
holds the curve

const gnutls\_datum\_t \* x  
holds the x-coordinate

const gnutls\_datum\_t \* y  
holds the y-coordinate

const gnutls\_datum\_t \* k  
holds the k

## DESCRIPTION

This function will convert the given elliptic curve parameters to the native **gnutls\_x509\_privkey\_t** format. The output will be stored in *key*. For EdDSA keys, the *x* and *k* values must be in the native to curve format.

## RETURNS

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise a negative error value.

## SINCE

3.0

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.  
Home page: <https://www.gnutls.org>

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**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/` directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>