

General-Purpose Graphics Processing Unit (GPGPU)

[Return to Glossary](#)

General-Purpose Graphics Processing Unit (GPGPU) is a [Graphics Processing Unit \(GPU\)](#) that performs non-specialized calculations that would typically be conducted by the [Central Processing Unit \(CPU\)](#) (central processing unit). Ordinarily, the [Graphics Processing Unit \(GPU\)](#) is dedicated to graphics rendering.

GPGPUs are used for tasks that were formerly the domain of high-power CPUs, such as physics calculations, [encryption/decryption](#), scientific computations and the generation of cypto currencies such as [Bitcoin](#).¹⁾

Source: <https://whatis.techtarget.com/definition/GPGPU-general-purpose-graphics-processing-unit>

¹⁾
Rouse, Margret; [Definition of GPGPU](#), WhatIs.com, Accessed 8 December 2020,
<https://whatis.techtarget.com/definition/GPGPU-general-purpose-graphics-processing-unit>

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:g:gpgpu

Last update: **2021/10/04 13:40**

