

# **Recommended power supply for portable discrete graphics host**





## Overview

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What wattage PSU do I need for my graphics card?

The recommended PSU specified for this card is 400W. You can look for this information for the graphics card you have or that you are going to buy. This will give you some idea about the wattage of the PSU that you will need for your graphics card or whole PC.

How much power does a graphics card need?

All the GPU manufacturers or graphics card manufacturers list the power consumption and the recommended power supply for their graphics cards. For example, below you can see the recommended PSU for the Gigabyte GeForce GTX 1060 G1 Gaming 6G graphics card on Gigabyte's website. The recommended PSU specified for this card is 400W.

How to choose a graphics card power supply?

Therefore, when choosing a graphics card power supply, it is recommended to consider models with 12V-2x6 support, which not only improves stability but also facilitates future upgrades and provides more efficient power delivery.

Do graphics cards need a PSU?

Most budget-level graphics cards do not require external power from the PSU but powerful mid-range and high-end graphics cards do require 6-pin/8-pin PCI-E power connectors from the power supply. Also, it is better to buy a PSU with 6-pin/8-pin connectors even if your graphics card does not need them, because of future expansion.



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### Recommended PSU Table

Sep 15, 2025 · Please see the chart below for PSU recommendations. Our wattage recommendations leave a healthy amount of headroom to work with a broad range of ...

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### ASRock PSU Selection Guide

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