

# Graphics: NVIDIA and Intel

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- [NVIDIA Still Working On A Generic Allocator - Has Working Open-Source Implementation](#) [2]

For those wondering, NVIDIA is still pursuing a generic allocator / Unix device memory allocator that has been talked about for years and a potential successor to the likes of the Generic Buffer Manager (GBM). They now have an implementation of their proposed allocator working for the open-source NVIDIA (Nouveau) driver though there still is a lot of work ahead.

Each year at the X.Org Developers' Conference (XDC) going back several they have presented concepts and work on a new device memory API with being unhappy over the semantics of GBM and that initially being one of the obstacles for NVIDIA's Linux driver in supporting Wayland compositors with many of them being tailored towards GBM while NVIDIA's initial Wayland support design has been around EGLStreams but they ultimately want this new hypothetical allocator API.

- [Intel giving hints at a possible Intel Xe dedicated GPU release in June 2020](#) [3]

In the Twitter post, which was retweeted by the official Intel Graphics Twitter account was the below image which has the date of June 2020 on the license plate. Not exactly cryptic, it's a pretty clear teaser towards a release date for the Intel Xe or whatever they actually end up calling it once it's out. That's pure speculation of course on my part but it would line up given who sent the tweet and Intel previously saying the Xe series will be out in 2020.

We've yet to really see any solid information on exactly how powerful they will be. What we do know though, is that they should get first-class Linux support as Intel has been working through their drivers on Linux. They talked openly before about their commitment to open source and their focus on Linux gaming too so it's quite exciting.

**Source URL:** <http://www.tuxmachines.org/node/128991>

**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/148>

[2] [https://www.phoronix.com/scan.php?page=news\\_item&px=NVIDIA-Generic-Allocator-2019](https://www.phoronix.com/scan.php?page=news_item&px=NVIDIA-Generic-Allocator-2019)

[3] <https://www.gamingonlinux.com/articles/intel-giving-hints-at-a-possible-intel-xe-dedicated-gpu-release-in-june-2020.15165>