

Technical Note

NVIDIA Pascal Architecture No Longer Supported

Applies to: EthoVision XT 19 | January 2026

Summary

Starting with EthoVision XT 19, NVIDIA Pascal architecture GPUs are no longer supported for deep learning features (body point detection via neural networks, behavior recognition). Standard tracking methods (grayscale, differencing) are not affected but are no longer tested on Pascal hardware. This aligns with NVIDIA's end of Game Ready driver support (October 2025) and CUDA 13.x dropping Pascal support.

Affected GPU models

Architecture	GPU Series	Examples
Pascal	GeForce GTX 10 series	GTX 1060, 1070, 1080, 1080 Ti
Pascal	Quadro P series	Quadro P4000, P5000, P6000
Pascal	Tesla P series	Tesla P40, P100

Minimum supported GPU for deep learning

Architecture	Minimum GPU	Compute Capability
Turing	GeForce GTX 1650 / RTX 2060	7.5
Ampere	GeForce RTX 3060	8.6
Ada Lovelace	GeForce RTX 4060	8.9
Blackwell	GeForce RTX 5070	10.0

Driver requirements & recommendation

Minimum NVIDIA driver: 591.74 or later **CUDA version:** 13.1 or later

Users with Pascal GPUs who require deep learning features should upgrade to an NVIDIA RTX 30 series or newer. For workstation environments, NVIDIA RTX A-series or RTX PRO series cards are recommended. Always use the latest drivers from [nvidia.com/drivers](https://www.nvidia.com/drivers).

For questions about GPU compatibility, contact Noldus Information Technology support or visit www.noldus.com.