



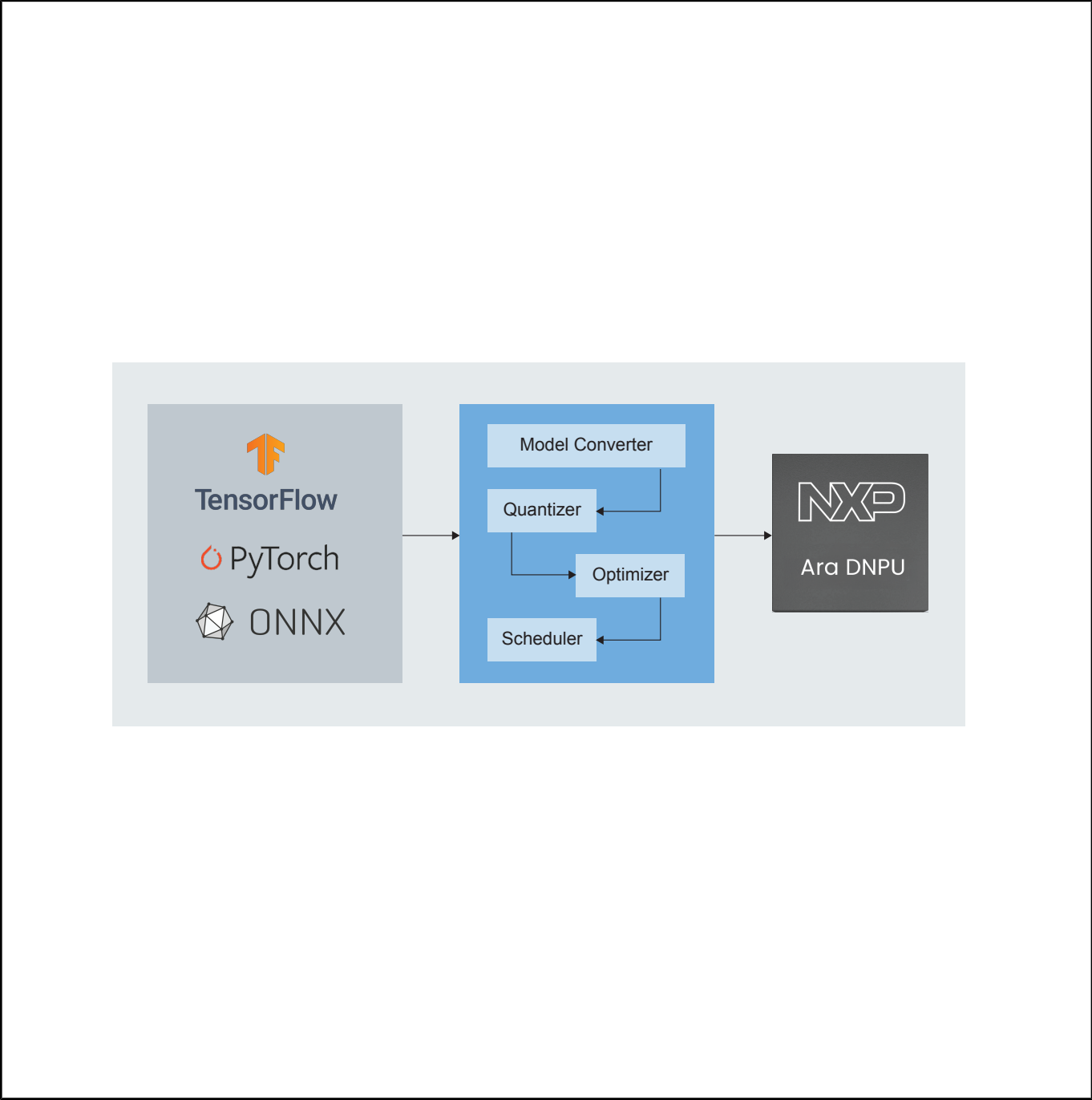
Ara软件开发套件

ARA-SDK

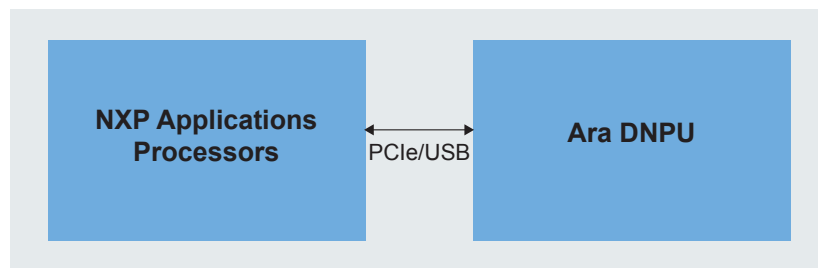
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Ara AI软件开发套件(SDK)简化了在Ara-1和Ara-2独立神经处理单元(DNPU)和模块上部署AI模型的流程。它配备一个可扩展的编译器，支持多种模型架构，包括卷积神经网络(CNN)、大语言模型(LLM)和视觉语言模型(VLM)。该SDK提供高效的数据流优化、灵活的量化方法及对多种数据类型的支持，确保边缘AI应用实现高性能与低延迟。

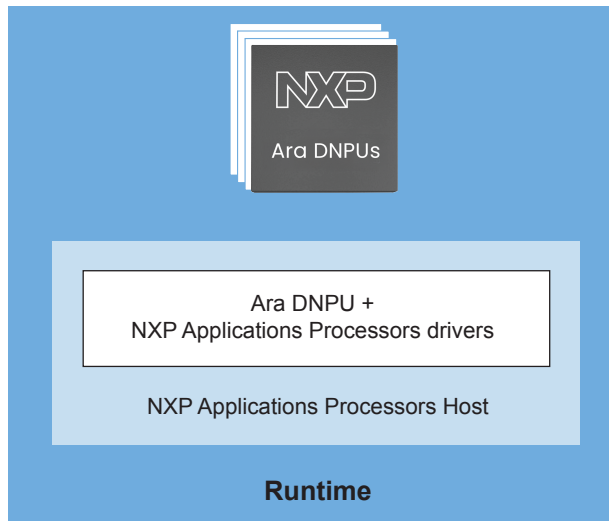
机器学习部署流程 **Block Diagram**



恩智浦应用处理器和Ara DNPU连接 **Block Diagram**



Ara DNPU与应用处理器主机及驱动程序的集成 **Block Diagram**



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