



# 集成主处理器

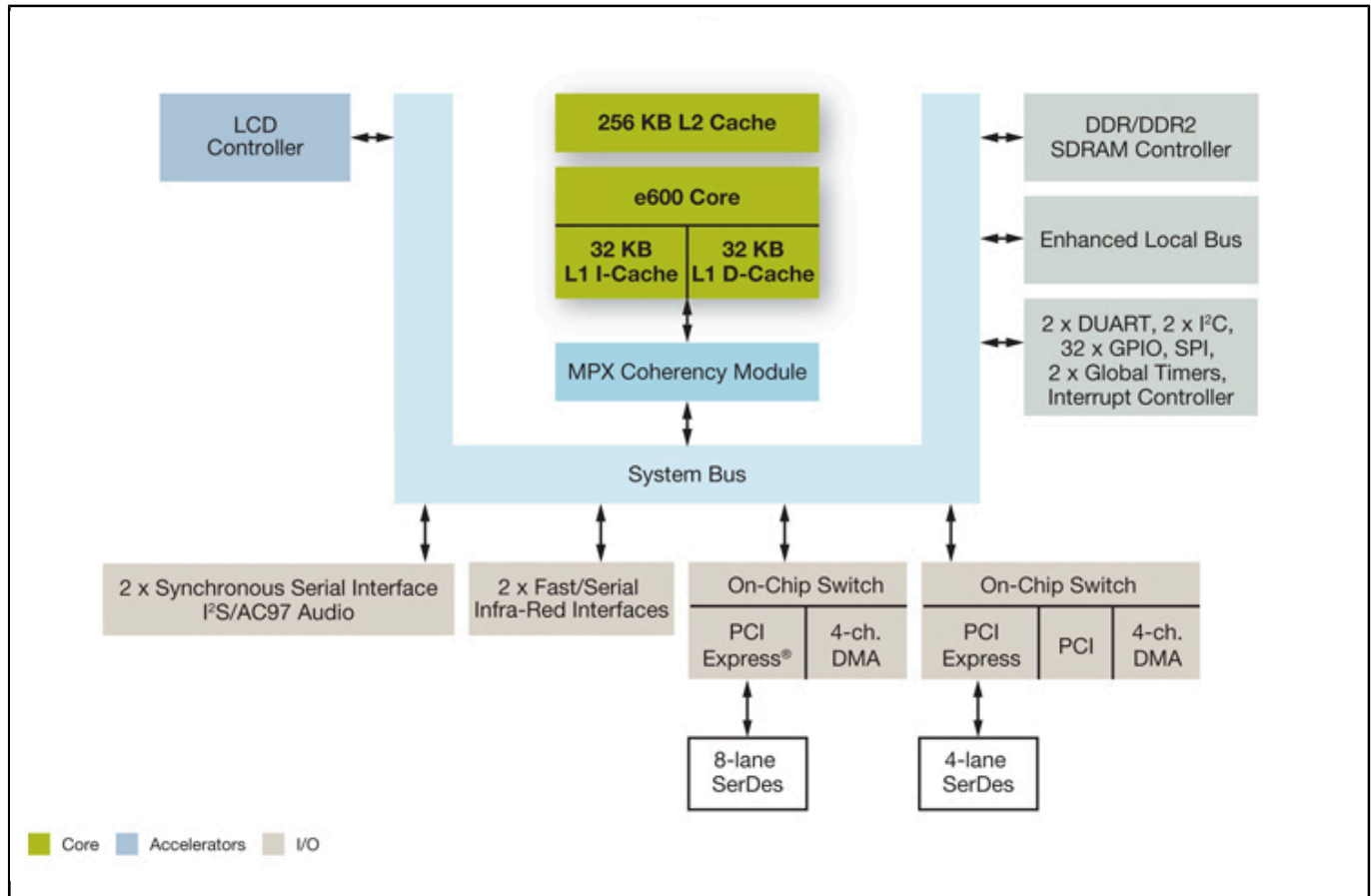
## MPC8610

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MPC8610处理器旨在为处理或显示图像的嵌入式应用，如自助服务终端、机器人、车载信息娱乐系统、多功能打印机和扫描仪等提供突破性的性能、连接及集成度。

MPC8610的优势在于其集成度——它将基于Power Architecture®技术的高性能e600内核与PowerQUICC® 片上系统(SoC)平台和LCD控制器相结合。借助e600内核的性能以及集成的北桥和南桥功能，它以单芯片实现了其它解决方案需要4个芯片才能完成的工作。将器件内的所有内核到外设连接移除，能够大大减少电路板上所布的高速并行总线的数量。这意味着层级数更少、处理密度更高、电路板尺寸更小。

# Freescale MPC8610 Host Processor Block Diagram Block Diagram



View additional information for [集成主处理器](#).

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