



Ara240 16GB M.2 Module

ARA240-16GB-M2-MODULE

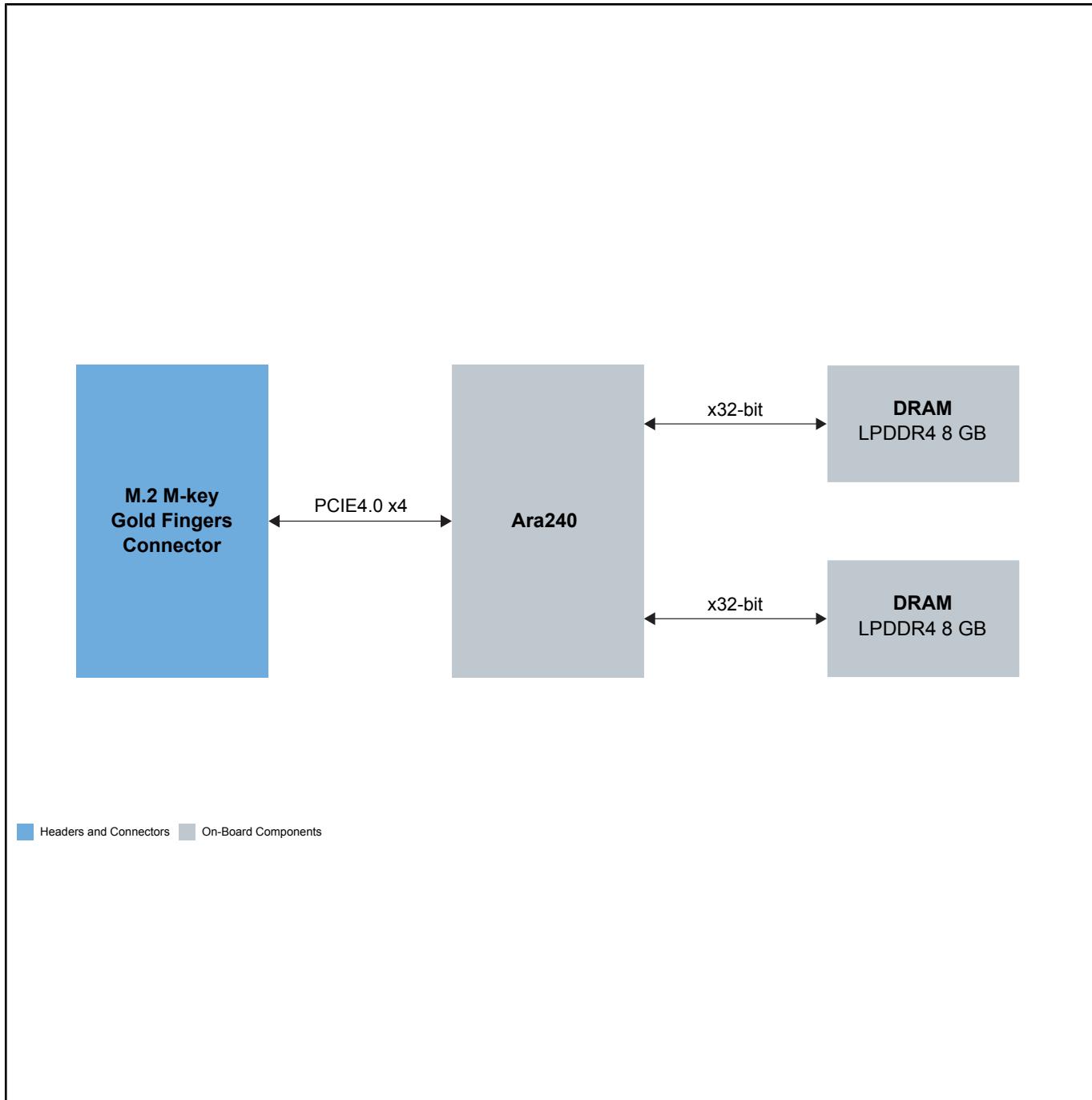
UPDATED

Active

Last Updated: Feb 17, 2026

The Ara240 16GB M.2 Module is an AI accelerator module based on the Ara240 AI processor. It can provide up to 40 eTOPs with flexible precision. It uses the M.2 M-Key and supports a maximum 4 lanes PCI Express 4.0 in x4 configuration. Designed with the commonly used NGFF 2280 form factor, it can be easily used as a companion processing unit on any NXP i.MX or S32 platform with M.2 M-Key PCI Express capability.

NXP Applications Processor and Ara DNPU Connection Block Diagram



View additional information for [Ara240 16GB M.2 Module](#).

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.