i.MX 8M Mini - Arm® Cortex®-A53, Cortex-M4, Audio, Voice, Video

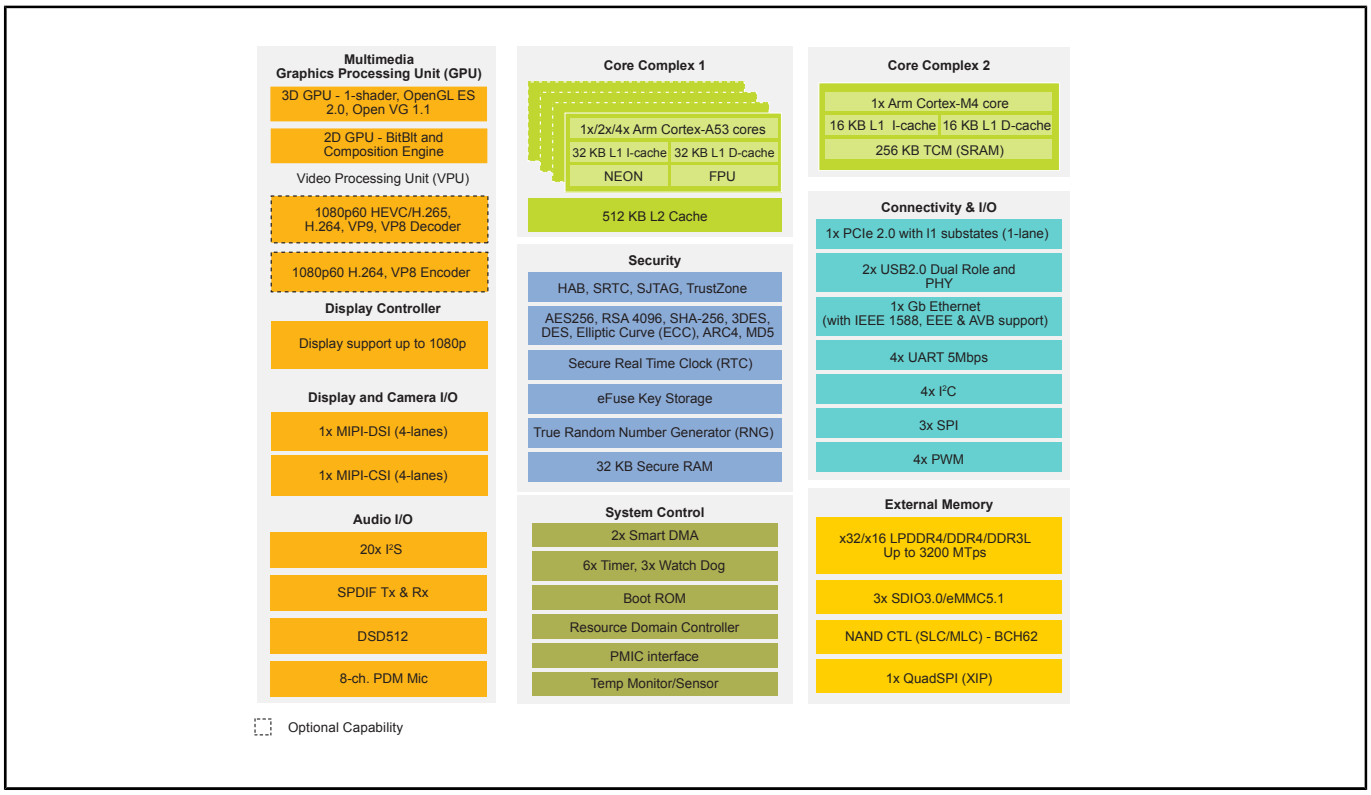
i.MX8MMINI

Last Updated: Nov 12, 2026

The i.MX 8M Mini is NXP’s first embedded multicore applications processor built using advanced 14LPC FinFET process technology, providing more speed and improved power efficiency. With commercial and industrial level qualification and backed by NXP’s product longevity program, the i.MX 8M Mini family may be used in any general purpose industrial and IoT application.

i.MX 8 applications processors are part of NXP's EdgeVerse™ edge computing platform.

i.MX 8M Mini Processors Family Block Diagram



View additional information for i.MX 8M Mini - Arm® Cortex®-A53, Cortex-M4, Audio, Voice, Video.

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.