



# Digi ConnectCore SOM Solutions

Embedded system-on-modules based exclusively on NXP i.MX applications processors - designed for longevity and scalability, in industrial IoT applications



## Meet the Digi System-on-Module Family for Rich-Media Applications

Digi ConnectCore® solutions are ideal for IoT applications such as Human Machine Interface (HMI), equipment monitoring, audio/voice, edge compute and machine learning. The newest member, Digi ConnectCore 8M Nano, is an answer to the developer's dilemma: how to deliver a balance of performance and power.

Digi ConnectCore 8M Nano is a highly-integrated SOM platform based on the NXP® i.MX 8M Nano processor. It is designed for multimedia capabilities to support compute-intensive applications, from industrial automation to machine learning. With integrated memory, pre-certified wireless, advanced security and a complete open-source Linux software platform based on Yocto Project™, ConnectCore simplifies embedded product development.

 <b>ConnectCore 8X</b>	 A35 x4  M4	 16GB eMMC  2GB+ LPDDR4	 	 WiFi  Bluetooth	 2x 1000	 VPU  HD x2	 PCI EXPRESS  SUPER SPEED USB 10Gbps  CAN FD
 <b>ConnectCore 8M Nano</b>	 A53 x4  M7	 8GB eMMC  1GB+ LPDDR4		 WiFi  Bluetooth	 1000	 GPU  HD	
 <b>ConnectCore 6UL</b>	 A7	 1GB NAND  1GB DDR3		 WiFi  Bluetooth	 10/100	 WXGA	

For more information, visit:

[www.digi.com](http://www.digi.com)

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# Digi ConnectCore is more than a module

Highly-integrated wireless connectivity, advanced security, global support and a host of other tools simplify building secure, connected products.

## CLOUD INTEGRATION



## DEVICE MANAGEMENT



## CONNECTIVITY



## SOFTWARE & TOOLS



## EMBEDDED SOMs



Embedded security is a critical design component for a growing number of connected IoT devices. The built-in security of Digi TrustFence gives you immediate access to critical features including enhanced secure boot, random number generation, secure storage, protected ports, FIPS certification and seamless integration of the on-module Secure Element.

## FURUNO

“The sophistication of Digi technology and the talents of their services team have been keys to our development of the NavNet TZtouch2 products.”

**Muneyuki Koike**  
Managing Director, Furuno

LEARN MORE

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