



# 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.

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



# 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