



SPECIFICATIONS		Digi ConnectCore® 6+	
<b>FEATURES</b>			
<b>APPLICATION PROCESSOR</b>	NXP i.MX6Plus encompasses a dual or quad-core Arm® Cortex®-A9 platform running up to 1.2 GHz with 1 MB of L2 cache, and optimized 64-bit DDR3 or 2-ch., 32-bit LPDDR2 support. Integrated FlexCAN, MLB busses, PCI Express® and SATA-2 provide excellent connectivity		
<b>MEMORY</b>	8 GB flash, 2 GB DDR3		
<b>PMIC</b>	Dialog DA9063		
<b>GRAPHICS</b>	LVDS, MIPI display port, MIPI camera port and HDMI v1.4		
<b>SECURITY</b>	RNG, TrustZone, Ciphers, Security Cntrl, Secure RTC, Secure JTAG, eFuses (OTP)		
<b>PERIPHERALS/INTERFACES</b>	MMC 4.4/SD 3.0 x3MMC 4.4/SDXC, UART x5 (5 Mbps), MIPI HSI, S/PDIF Tx/Rx, I2C x3, SPI x5, ESAI, I2S/SSI x3, FlexCAN x2, MLB150 + DTCP, S-ATA and PHY (3 Gbps), USB2 OTG and PHY, USB 2.0 Host and PHY, USB 2.0 HSIC Host x2, PWM, 3.3V GPIO, Keypad, PCIe 2.0 (x1 lane), HDMI and PHY, MIPI DSI, MIPI CSI2, 20-bit CSI, 24-bit RGB, LVDS (x2), RTC, External address/data bus, Watchdog, Timers, JTAG		
<b>EXTERNAL BUS</b>	26-bit address / up to 32-bit data (multiplexed and non-multiplexed modes)		
<b>ETHERNET</b>	1 Gigabit Ethernet		
<b>WI-FI</b>	802.11a/b/g/n/ac		
<b>BLUETOOTH</b>	Bluetooth 5		
<b>ON-MODULE MICROCONTROLLER ASSIST</b>	Microcontroller Assist (MKL14Z32VFT4)		
<b>OPERATING TEMPERATURE</b>	-40° C to 85° C (-40° F to 185° F)		
<b>STORAGE TEMPERATURE</b>	-50° C to 125° C (-58° F to 257° F)		
<b>RELATIVE HUMIDITY</b>	5% to 90% (non-condensing)		
<b>RADIO APPROVALS</b>	US, Canada, EU, Australia/New Zealand		
<b>EMISSIONS / IMMUNITY / SAFETY</b>	FCC Part 15 Class B, EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, ICES-003 Class B, VCCI Class II, AS 3548, FCC Part 15 Subpart C Section 15.247, IC (Industry Canada), RSS- 210 Issue 5 Section 6.2.2(o), EN 300 328, EN 301 489-17, EN 55024, EN 301 489-3, Safety UL/UR (or equivalent)		
<b>DESIGN VERIFICATION</b>	Temperature: IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78 Vibration/Shock: IEC 60068-2-6, IEC 60068-2-64, IEC 60068-2-27, HALT		
<b>MECHANICAL DIMENSIONS</b>	LGA-400, 2 mm pitch, fully shielded (heat-spreading)		
<b>PRODUCT WARRANTY</b>	3 years		

PART NUMBERS		DESCRIPTION	
CC-WMX-KK8D-TN	ConnectCore 6+ module, i.MX6QuadPlus, 1.0 GHz, -40 to 85°C, 8 GB flash, 2 GB DDR3, 802.11a/b/g/n/ac, Bluetooth 5, Ethernet		

ACCESSORIES		DESCRIPTION	
CC-WMX6P-KIT	ConnectCore 6+ professional development kit		



DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit [www.digi.com/support](http://www.digi.com/support).

© 1996-2020 Digi International Inc. All rights reserved.  
All trademarks are the property of their respective owners.

91004338  
A8/220

DIGI INTERNATIONAL WORLDWIDE HQ  
877-912-3444 / 952-912-3444 / [www.digi.com](http://www.digi.com)

DIGI INTERNATIONAL GERMANY  
+49-89-540-428-0

DIGI INTERNATIONAL JAPAN  
+81-3-5428-0261 / [www.digi-intl.co.jp](http://www.digi-intl.co.jp)

DIGI INTERNATIONAL SINGAPORE  
+65-6213-5380

DIGI INTERNATIONAL CHINA  
+86-21-50492199 / [www.digi.com.cn](http://www.digi.com.cn)



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Development Boards & Kits - ARM category](#):*

*Click to view products by [Digi International manufacturer](#):*

Other Similar products are found below :

[SAFETI-HSK-RM48](#) [PICOHOBBITFL](#) [CC-ACC-MMK-2443](#) [EVALSPEAR320CPU](#) [TMDX570LS04HDK](#) [TXSD-SV70](#) [TXSD-SV71](#)  
[YGRPEACHNORMAL](#) [PICODWARFFL](#) [YR8A77450HA02BG](#) [3580](#) [VISIONSTK-6ULL V.2.0](#) [DEV-17717](#) [EAK00360](#)  
[YR0K77210B000BE](#) [RTK7EKA2L1S00001BE](#) [SLN-VIZN-IOT](#) [1410](#) [LPC-H2294](#) [CHIPKIT WI-FIRE](#) [QC-DB-H00003](#) [2125](#) [2126](#)  
[EVALSP1310CPU](#) [ATSAM4C32-EK](#) [ATSAM4CMP32-DB](#) [ATSAM4CMS32-DB](#) [ATSAM4CP16C-EK](#) [ATSAM4S-WPIR-RD](#)  
[ATSAMG55-XPRO](#) [2266](#) [ATSAM4CP16B-EK](#) [2390](#) [2419](#) [A20-OLINUXINO-LIME2](#) [2738](#) [2772](#) [WIZWIKI-W7500P](#) [SK-FM0-V48-](#)  
[S6E1A1](#) [3277](#) [STM32L4R9I-DISCO](#) [ATSAMC21N-XPRO](#) [ATSAMHA1G16A-XPRO](#) [EA-QSB-010](#) [EA-OEM-202](#) [ABX00012](#) [3241](#)  
[ATSAME54-XPRO](#) [32F072BDISCOVERY](#) [32F412GDISCOVERY](#)