



Welcome to E-XFL.COM

Understanding Embedded - Microprocessors

Embedded microprocessors are specialized computing chips designed to perform specific tasks within an embedded system. Unlike general-purpose microprocessors found in personal computers, embedded microprocessors are tailored for dedicated functions within larger systems, offering optimized performance, efficiency, and reliability. These microprocessors are integral to the operation of countless electronic devices, providing the computational power necessary for controlling processes, handling data, and managing communications.

Applications of **Embedded - Microprocessors**

Embedded microprocessors are utilized across a broad spectrum of applications, making them indispensable in

Details

Product Status	Discontinued at Digi-Key
Core Processor	Xeon Gold 6126
Number of Cores/Bus Width	12 Core, 64-Bit
Speed	2.6GHz
Co-Processors/DSP	-
RAM Controllers	DDR4
Graphics Acceleration	Νο
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	3647-LGA Module
Supplier Device Package	3647-FCLGA (76x56.5)
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpxe-2-6-19m36

Email: info@E-XFL.COM

Address: Room A, 16/F, Full Win Commercial Centre, 573 Nathan Road, Mongkok, Hong Kong



Intel® Xeon® Gold 6126 Processor

19.25M Cache, 2.60 GHz

Spec Code

SR3B3

Ordering Code

CD8067303405900

Intel® Xeon® Gold 6126 Processor (19.25M Cache, 2.60 GHz)

Skylake
Server
6126
Launched
Q3'17
14 nm
\$1776.00
12
24
2.60 GHz
3.70 GHz
19.25 MB L3
3
<u>125 W</u>
Yes
Yes
Link
Link
ory typ 768 GB

DDR4-2666
2.67 GHz
6
Yes
S4S
3.0
<u>48</u>
FCLGA3647
86°C
76.0mm x 56.5mm
See MDDS
No
Yes
No
2.0
Yes
Intel® SSE4.2, Intel® AVX, Intel® AVX2, Intel® AVX-512
2
Yes
Yes
Yes
Yes
Yes
· · · · · · · · · · · · · · · · · · ·