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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	Obsolete
Core Processor	Celeron 440 Mobile
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	1.86GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	-
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	-
Supplier Device Package	478-PGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpcm-1-8f5-1m4t

96MPCM-1.8F5-1M4T1 Intel Celeron M

Spec

Product	96MPCM-1.8F5-1M4T1
Product Description	Intel Celeron Mobile 440 1.86G 533MHz 1MB
Manufacturer Part Number	CP80538NE0361ME(SL9KW)
Manufacturer	INTEL
Processor Number	440
Code Name	Yonah
Compatible Chipsets	940GML, 945GM, 945GME
Socket Type	PGA478
Clock Speed	1.86G
FSB	533MHz
L2 Cache	1MB
Manufacturing Technology	65NM
sSpec	SL9KW
Thermal Design Power	N/A
Thermal Specification	100C
MultiCore	N/A
64 bit Support	No
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q1 / 2006

All product specifications are subject to change without notice.   Last Updated:28 July 2015