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	Obsolete
Core Processor	Celeron 575 Mobile
Number of Cores/Bus Width	1 Core, 64-Bit
Speed	2.0GHz
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-2-0f6-1m4t

96MPCM-2.0F6-1M4T1

Intel Celeron M

Spec

Product	96MPCM-2.0F6-1M4T1
Product Description	Intel Celeron Mobile 575 2.0G 667MHz 1MB
Manufacturer Part Number	CP80537NF0411M (SLB6M)
Manufacturer	INTEL
Processor Number	575
Code Name	Merom
Compatible Chipsets	GL40, GM45
Socket Type	PGA478
Clock Speed	2.0G
FSB	667MHz
L2 Cache	1MB
Manufacturing Technology	65NM
sSpec	SLB6M
Thermal Design Power	31W
Thermal Specification	100C
MultiCore	N/A
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q3 / 2006

Picture is for display purpose only

ADVANTECH Peripheral Allied Procurement Services   Your Ultimate Sourcing Partner