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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 550 Mobile
Number of Cores/Bus Width	2 Core, 32-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-2-0f5-1m4t1

96MPCM-2.0F5-1M4T1



Product Spec

Product	96MPCM-2.0F5-1M4T1
Product Description	Intel Celeron Mobile 550 2.0G 533F 1MB 478Pin(G)
Manufacturer	INTEL
Processor Number	550
Code Name	Merom
Compatible Chipsets	GL960, GLE960, GM965, GME965
Socket Type	PGA478
Clock Speed	2.0G
FSB	533MHz
L2 Cache	1MB
Manufacturing Technology	65NM
sSpec	SLAJ9
Thermal Design Power	27W
Thermal Specification	100C
Multi-Core	N/A
64 bit Support	N/A
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q3 / 2006
EOL	Phased-out
Replacement Model	TBA