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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.

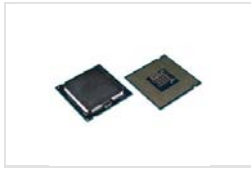
### Applications of [Embedded - Microprocessors](#)

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

#### Details

Product Status	Obsolete
Core Processor	Pentium 4 651
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	3.4GHz
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	775-LGA
Purchase URL	<a href="https://www.e-xfl.com/product-detail/advantech/96mpp4-3-4f8-2m7t1">https://www.e-xfl.com/product-detail/advantech/96mpp4-3-4f8-2m7t1</a>

## 96MPP4-3.4F8-2M7T1



### Product Spec

Product	96MPP4-3.4F8-2M7T1
Product Description	Intel Pentium 4 651 3.4G 800F 2MB 775Pin(G)
Manufacturer	INTEL
Processor Number	651
Code Name	Cedar Mill
Compatible Chipsets	915G, 915GL, 915GV, 915P, 915PL, 945G, 945GC, 945GZ, 945P, 945PL, 946GZ, 946PL, 955X, 975X, G965, P965, Q963, Q965
Socket Type	LGA775
Clock Speed	3.4GHz
FSB	800MHz
L2 Cache	2MB
Manufacturing Technology	65NM
sSpec	SL9KE
Thermal Design Power	86W
Thermal Specification	69.2C
Multi-Core	N/A
64 bit Support	N/A
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q2 / 2006
EOL	Phased-out
Replacement Model	96MPP4-3.4F8-2M7T3