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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 E1500
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	2.2GHz
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/96mpcl-2-2f8-5k7t">https://www.e-xfl.com/product-detail/advantech/96mpcl-2-2f8-5k7t</a>

# 96MPCL-2.2F8-5K7T1

Intel Celeron

## Spec

Product	96MPCL-2.2F8-5K7T1
Product Description	Intel Celeron E1500 2.2G 800F 512KB 775Pin(G)
Manufacturer Part Number	BV80557PG049D (SLAQZ)
Manufacturer	INTEL
Processor Number	E1500
Code Name	Conroe
Compatible Chipsets	945G, 945GC, 945GZ, 945P, 945PL, 946GZ, 946PL, 975X, G31, G33, G35, G41, G43, G45, G965, P31, P35, P43, P45, P965, Q33, Q35, Q43, Q45, Q963, Q965, X38, X48
Socket Type	LGA775
Clock Speed	2.2GHz
FSB	800MHz
L2 Cache	512KB
Graphic Processor	N/A
Manufacturing Technology	65NM
sSpec	SLAQZ
Thermal Design Power	65W
Thermal Specification	73.3C
MultiCore	2 Cores
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Cooling Devide	N/A
Dimension	110LX70WX10H
Weight (KG)	0.08
Warranty	90 days
Embedded	Yes
Launch Date	Q3 / 2006



Picture is for display purpose only