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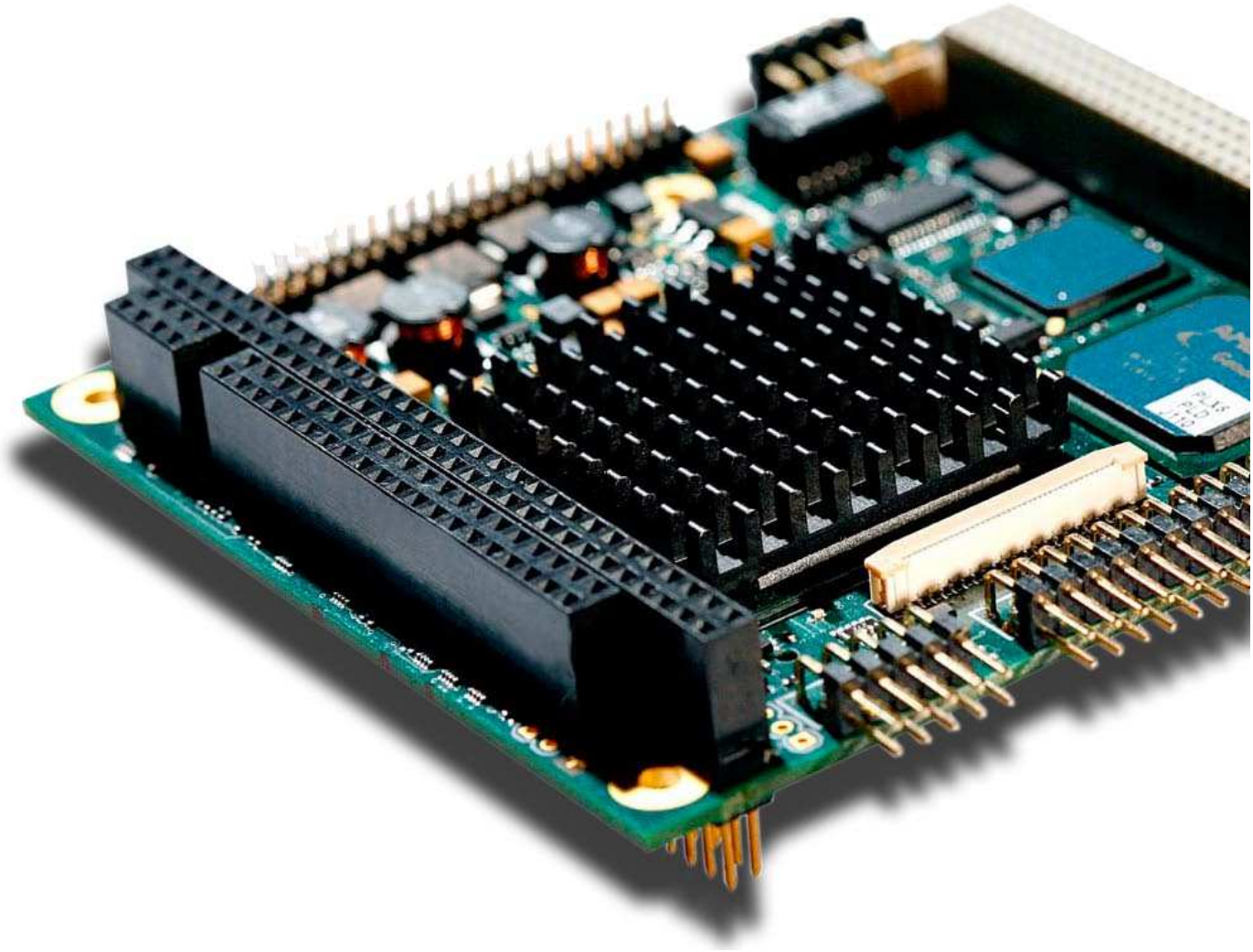
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Find the *Kontron MOPSlcdLX* at our website: ***Click HERE***

MOPS*lcd*LX



500 MHz @ 0.9W
AMD processor

- Extreme low power fanless PC/104plus, 500MHz AMD LX800
- PC/104plus card for ISA and PCI IO card expansion
- With full 16Bit I/O and memory support
- FULL Featured embedded SBC (USB, COM, LAN, etc.)

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Product Overview

The MOPSlcdLX (Minimized Open PC System) with its 500 MHz AMD LX800™ processor offers high reliability and performance at low power consumption – only passive cooling if at all – no moving parts. The PC/104-Plus (ISA & PCI signals) enables applications with wide choice ISA IO or high PCI I/O performance requirements. The MOPSlcdLX is a high integrated CPU board which includes in addition to the standard interfaces a PCI graphic, a 10/100 MBit Ethernet and 2x USB interfaces. A watchdog timer and a realtime clock are standard. The SO-DIMM socket enables this board to be equipped with up to 1 GByte of DDR-RAM.

The lower socket is used as JILI (LVDS) interface for connecting LCD flatpanels. The on chip Graphics+ Controller supports CRT & TFT. A Kontron chipDISK (IDE compatible flash disk) with capacity up to 1GB can be plugged directly onto the 2.5" harddisk interface. All MOPS PC/104 boards are Plug&Work compatible, which considerably reduces the time to market. All MOPS PC/104 provide the same pinout for keyboard,COM1 and COM2,44pin IDE, 2xUSB, LPT as well as LAN. This is the common MOPS-family feature, which easens the upgradeability enormously within the Kontron MOPS PC/104-products.

Technical Information

Full PC/104plus compliant Industry Standard	
	Plug´n Play compatible to another MOPS and therefore exchangeable
CPU	
	AMD LX800™ 500 MHz, fanless
SDRAM	
	DDR-RAM-SODIMM socket
Graphic	
	onchip engine with shared VRAM, CRT & JILI Interface
Panel/CRT	
	yes/yes
10/100 Base T Ethernet	
	Intel® 82551ER
USB	
	2x USB 2.0, with Legacy support
EIDE Interface	
	yes - 44 pin header
Floppy Interface	
	yes
Printer Interface	
	yes
Keyboard/Mouse Controller	
	yes/yes
RS232C	
	2x

LANBoot	
	yes - PXE
DarkBoot	
	yes
Watchdog	
	yes
Real Time Clock	
	yes
Dimensions	
	96x90 mm (3.8 x 3.6")
Power supply	
	5V only (*)
Expansion Interfaces	
	PC/104 ISA (full 16 Bit I/O and memory support) PC/104+ PCI
Temperature (*)	
	Operation: 0° to 60° C (with appropriate airflow) Storage: -10° to 85° C
Max. humidity	
	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(*) Ask about wider temperature ranges

Ordering Information

Article	Part.-No.	Description
MOPSlcdLX	01036-0000-53-4	Low Power AMD LX800 500MHz, PC/104 (ISA), 16 Bit ISA support
MOPSlcdLX	01036-0000-53-5	Low Power AMD LX800 500MHz, PC/104plus (ISA & PCI), 16 Bit ISA support

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