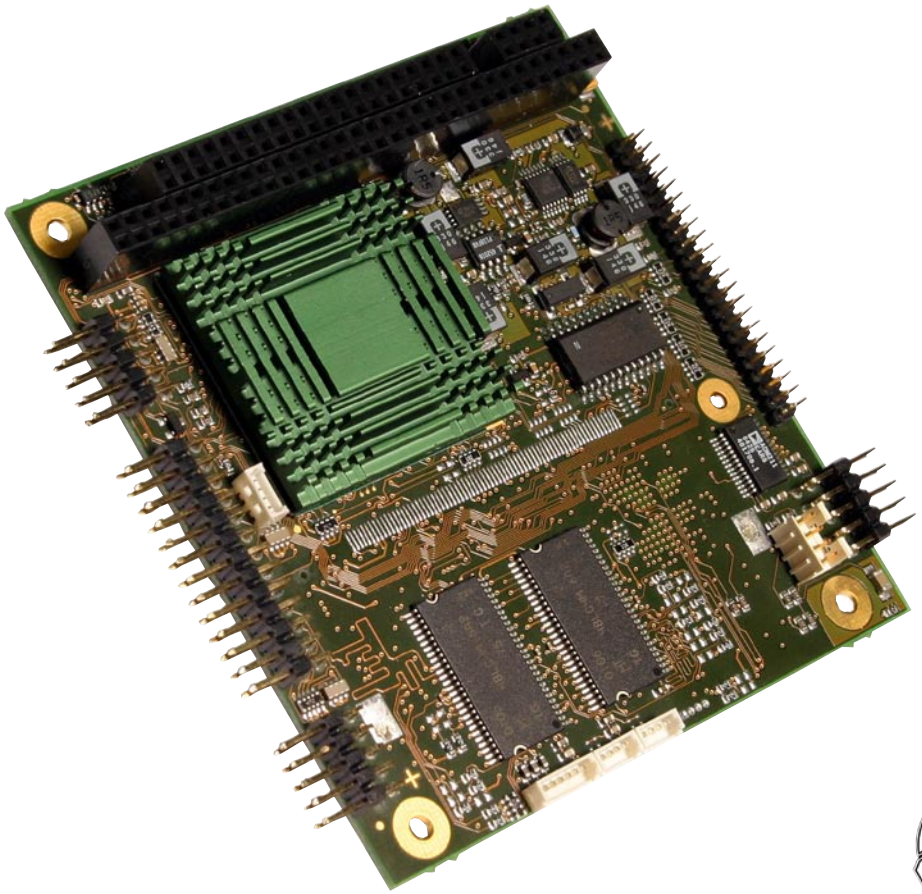
T-MOPSlcdSA



- Made for RUGGED E2 applications (-40°C to +85°C)
- No moving parts
- Real low power embedded PC/104 with STPC ATLAS™
- Onboard CRT-Graphics and Communication

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Product Overview

The T-MOPSlcdSA runs with the STPC Atlas with 120MHz - fanless - no moving parts.
ALL parts used are E2 extended Temperature compliant (-40 to +85°C), that provides full unrestricted warranty at E2 condition use.
It features a highly integrated chipset and 32 MByte SDRAM SOLDERED - that means no moving parts and enhanced system reliability.
The graphic engine is on chip with 4MB VRAM UMA for CRT.

A watchdog timer and a realtime clock are standard features. The board comes complete 2 x USB, 2 x COM, LPT, EIDE, Keyboard and PS/2.
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/104 compliant Industry Standard
- CPU: STPC Atlas 120 MHz
- SDRAM: soldered with 32 MB
- Graphic on chip with 4 MB VRAM UMA, CRT Interface
- Panel / CRT -/✓
- 10/100 BaseT Ethernet ✓
- USB 2x, with Legacy support
- EIDE interface ✓
- Printer Interface ✓
- Keyboard/Mouse Controller ✓/✓
- RS232C 2x
- LANBoot ✓
- DarkBoot ✓
- Watchdog ✓
- Real Time Clock ✓
- Dimensions: 96x90 mm (3.8 x 3.6")
- Power supply: 5V only
- Plug'n Play compatible to another MOPS and therefore exchangeable
- Temperature (*):
  Operation: -40° to +85° C
  Storage: -40° 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
T-MOPSlcdSA	01034-3200-12-1	Low Power STPC ATLAS 120MHz, on chip graphics, soldered 32 MByte SDRAM, 2xRS232C, 2xUSB, LPT, IDE, CRT interface and with 10/100MBit Ethernet

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#T-MOPSlcdSA #22012008 PDL
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