

*miriac*TM MPX 530

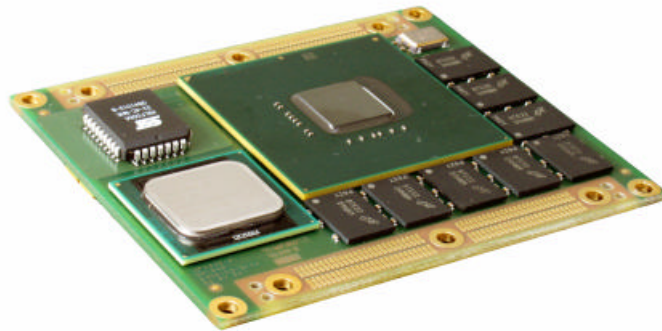
Product Description

Based on Intel's[®] Atom[™] processor Z530 or Z520PT, the MPX 530 is a perfect fit for any application requiring high performance but low power on a small form factor module. With the Intel[®] System Controller Hub US15W it offers a Graphics Media Accelerator 500 (Intel[®] GMA 500), memory controller, and I/O controller in a single-chip solution, while featuring advanced 3D graphics and extensive I/O capabilities such as 8 xUSB 2.0, SDIO and PCI Express. Additionally it supports Intel[®] High Definition Audio (HDA) and hardware video decode acceleration.

Flat panel displays can be attached using LVDS or SDVO.

The MPX 530 features 2 Gigabit Ethernet interfaces, the 8 USB ports as well as the US15W graphics interfaces which are available on the MPX connectors. The MPX 530 forms part of the new MPX standard with a tiny 66x77 mm² footprint. The new connector technology allows mounting in both directions and stacking of modules with various interface boards. Versions for extended temperature (- 40° ..+85° C) are available.

The MPX 530 features a rugged design with the aim to withstand extreme and harsh environment in embedded applications.



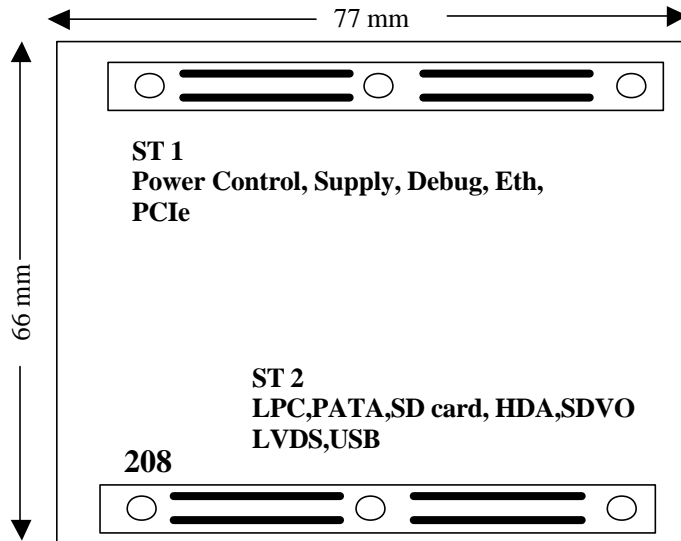
Overview:

- Intel Menlow 1,33 or 1,6 GHz, 533 MHz FSB
- US15W System Controller Hub
- up to 1 GB soldered DDR2 memory
- two 208 Pin Zero Force Connectors, that make all I/O and bus signals available to carrier board :
 - 2 x PCIe
 - 2 x 10/100/1000 Ethernet
 - 8 x USB 2.0 ports
 - Graphics and HDA interfaces

- LPC
- SMB bus Host Controller
- 4 SD card ports
- **MPX Form Factor 66x77mm² allows mounting in both directions and stacking**
- **optional -40° to +85°C**

Connectors:

two 208 Pin elastomeric connectors (2 rows)



Software-Support:

Linux; QNX ; others on request

Order Information:

Order Nr.	Ordertext	Status
836101	MPX 530 MIRIAC MODULE Z520PT 1.33Ghz, 1 GB DDR, dual GB Ethernet	Q3/09

StI: 'Stock Item' – normally available ex stock

BoO: Build on Order – will be built after order received

You need a different variant? – No problem! Just contact us.

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