

Carrierboard, M1534

MERKMALE	ANWENDUNGSGEBIETE	PRODUKTBILD
<ul style="list-style-type: none"> Formfaktor COM Express Compact (95x95mm) Betriebssysteme: Windows XPe und CE, Linux Geringer Stromverbrauch Kompaktes Design 	<ul style="list-style-type: none"> Automatensteuerungen Produktions- und Prozessüberwachung 	

TECHNISCHE DATEN

Allgemein	<p>Maße (B x H x T in mm): 145 x 185 x 50</p> <p>Spannungsversorgung: 10-36 V</p> <p>Formfaktor: COM Express Compact</p>
Schnittstellen	<ul style="list-style-type: none"> LVDS DVI 6x USB 2.0 3x GBit Ethernet MIC/Line In/Speaker PS2 Mouse/Keyboard CF-Karte SATA Mini PCIe LTP 2x COM (RS232/485) I²C BUS <p>The block diagram illustrates the internal architecture of the carrierboard. It features a central PEX 8505 PCIe Switch connected to a COM-Express Modul compact (Conga CA/Z510 - 512 PCIe, Conga CA/Z530 - 1G PCIe). The switch manages connections to various I/O controllers including three RTL8111C PCIe1 Ethernet controllers, an SDVO to DVI CH 7307C converter, RS232/485 controllers, a Winbond W83627HG I²C BUS controller, and an Audioverstärker. Power management is handled by a Spannungsversorgung 12V/5V/3.3V (inkl. ATX-Funktionalität) and a MiniPCIe module. Storage options include CompactFlash and SATA (via Silicon Image SiI 3132). The board also includes a Pinheader LVDS interface and a Pinheader for Power LED, HDD LED, and LAN LED. External interfaces include USB0+1 LAN0, LAN1 USB2+3, LAN2 USB4+5, DVI, Maus, Keyboard, Line In MIC, and Speaker.</p>