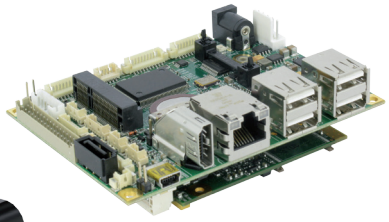
Boxed Solution B901

System protection for harsh environments





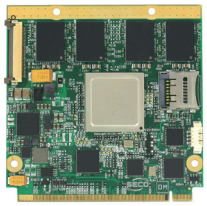
CQ7-901

MAIN FIELDS OF APPLICATION

Energy

Industrial Automation and Control

The boxed solution B901 supports the carrier board on Pico-ITX Form Factor (CQ7-901) and the following module:



Q7-928

FEATURES OF CQ7-901

Video Interfaces	LVDS Interface, 34 pin 2mm pin header Backlight Connector, 6 pin, 2mm Pin Header HDMI Connector
Mass Storage	1 x SATA connector µSD Card Slot
Networking	1 x Gigabit / FastEthernet connector 1 x optional additional FastEthernet port
USB	Up to 7 x USB 1.1 / 2.0 ports (1 x USB client)
PCI-e	1 x miniPCI Express slot
Audio	AC'97 and HD Audio Codec**, jumper selectable Line In, Mic In on internal pin headers Earphone pin header ** available only on Industrial version
Serial Ports	1 x RS-232 (RS-422 / RS-485 configurable) 1 x TTL-level serial port CAN Interface
Other Interfaces	8 x GPIO on 10-Pin Header Connector 4-Wire Touch Screen controller integrated SM Bus Pin Header I2C Bus, SPI interface SIM Card slot for miniPCI Express modems Internal Pin Header for Power, Lid, Sleep and Reset Button
Power Supply	On-board rechargeable Lithium Battery for CMOS Backup and RTC 12V Power jack Power On Status LED

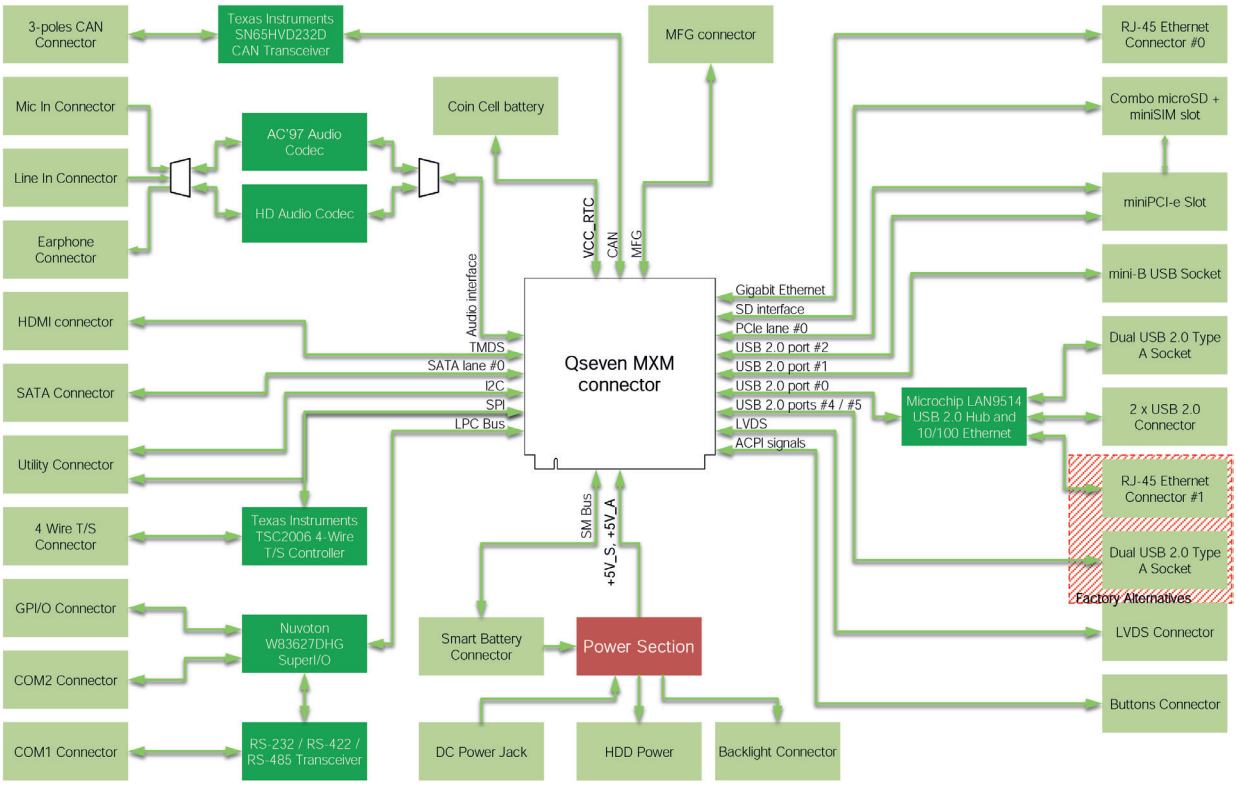
Operating Temperature*	0°C ÷ +60°C (Commercial version) -40°C ÷ +85°C (Industrial version)
Dimensions	100 x 72 mm (3.94" x 2.83")

*All carrier board components must remain within the operating temperature at any and all times, including start-up; carrier operating temperature is independent of the module installed. Please refer to the specific module for more details. Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider specific cooling solutions for the final system.

Information subject to change. Please visit www.seco.com to find the latest version of this datasheet

Boxed Solution B901

BLOCK DIAGRAM OF CQ7-901



ORDERING INFORMATION

PN*	DESCRIPTION
B901	B901 Chassis for CQ7-901 (Carrier board and module not included)

*Additional configurations may be available. Please inquire for more information.

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