



KEY FEATURES

- ▶ Ultra low power Via C7 1.5GHz processor
- ▶ VGA display interface, 2048 x 1536 resolution
- ▶ Sealed construction with fanless operation
- ▶ Optional wide range DC power input
- ▶ 4 x COM, 3 x USB 2.0
- ▶ Compact size – 210 x 75 x 172 mm
- ▶ DIN and wall mount

CONFIGURATION OPTIONS

- ▶ User configurable I/O port or line in/out and mic
- ▶ Wireless LAN
- ▶ Dual Ethernet
- ▶ Four additional COM ports
- ▶ 2.5" HDD or Compact Flash

ZETA C710

Blue Chip Technology's range of Zeta low power embedded PC's offer a small footprint, application-ready solution ideally suited to a variety of industry automation applications such as logistics, data acquisition and access control.

Designed for high electromagnetic compatibility and shock and vibration resistance, the Zeta C710 is ideally suited to use in industrial environments, the Zeta C710 can be used in industrial environments. All electronics are protected and housed inside a robust, compact chassis, fanless operation and an onboard watchdog further enhance system reliability.

Powered by a 1.5GHz Via C7 processor, this embedded computer combines performance with a low power budget. A comprehensive feature list includes multiple COM and USB ports, user configurable GPIO and LAN.

The Zeta C710 offers a variety of configuration options, making an extremely versatile platform. Using its mini PCI expansion you can choose dual LAN, WiFi LAN or eight serial ports – enhancing overall networking and IO performance. Supported operating systems include Windows™ XP Pro, Windows™ XP Embedded and Linux.

CONSTRUCTION

- ▶ Designed to IP50 rating, steel housing; black anodised heatsink
- ▶ Customised styling at request (MOQ)

SYSTEM

- ▶ Via V4 compliant C7 1.5GHz
- ▶ Via CX700 and ITE888G chipsets
- ▶ Memory – 512MB - 1GB DDR2 SODIMM
- ▶ Embedded, programmable watchdog facility (up to 255 levels)

STORAGE

- ▶ Compact Flash Type II to 8GB
- ▶ 30GB SATA 2.5" extended temperature, shock, vibration and duty cycle HDD

GRAPHICS/AUDIO

- ▶ VGA/CRT output supporting resolutions up to 2048 x 1536
- ▶ Line in/out & microphone via 2.5 mm jacks (only available when GPIO not fitted)

LOCAL AREA NETWORK

- ▶ 1 x Ethernet 10/100Base-T
- ▶ Optional Wireless LAN
- ▶ Optional additional Ethernet 10/100Base-T

ENHANCED IO

- ▶ 1 x PS/2 for keyboard and mouse
- ▶ 3 x USB port; USB2.0 compliant
- ▶ 4 x D-sub 9-pin for RS-232
- ▶ Optional RS-232/422/485 port when configured for extra COM ports
- ▶ 1 x D-sub 15-pin(female) for VGA output
- ▶ 8 input/8 output GPIO (only available if audio not required)

POWER

- ▶ 12V DC input
- ▶ Optional 6 - 24 VDC input with screw terminal block
- ▶ Optional external mains adapter

ENVIRONMENTALS

- ▶ Operation temperature: 0°C~45°C (32°~113°F)
- ▶ Storage temperature range -20°C to +70°C
- ▶ Relative humidity 10 - 90% non-condensing
- ▶ EN55022 Class A – Emissions
- ▶ EN55024 Susceptibility
- ▶ EN60950 Safety

OPERATING SYSTEM

- ▶ Windows®XP Pro
- ▶ Windows®XP Embedded
- ▶ Linux

DIMENSIONS

- ▶ 210 x 75 x 172 mm (W x H x D)
- ▶ Weight 1.8kg