

*Design to function*

[www.artron.com.tr](http://www.artron.com.tr)

## CYGNUS-ZN3 Carrier Board



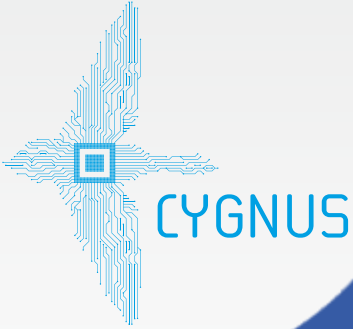
### Description

Cygnus-ZN3 Carrier Board is an evaluation card designed to accelerate the users' own hardware and software development cycles when using the Cygnus family of System-on-Modules as the main processor unit. Utilizing the Carrier Board and Cygnus-ZN SoM solutions of Artron together reduces the engineering effort of development teams seriously and brings the advantage of focusing solely on target application. Hardware design files for the Cygnus-ZN3 Carrier Board are fully open for the customers. This will allow the developers to build their own design on a proven hardware platform. A complete Board Support Package (BSP) is available furthermore.

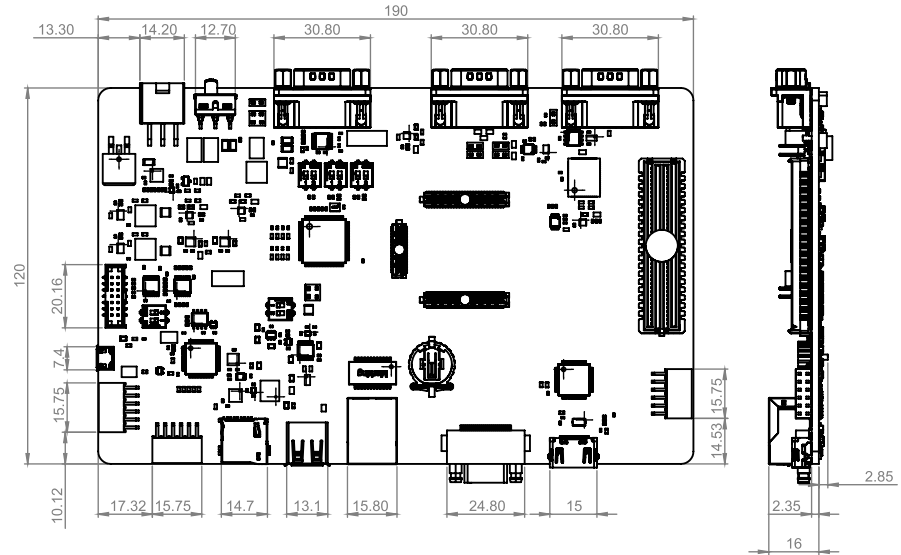
Carrier board provides all the necessary power sequencing, clock & reset control, JTAG interface for programming and debug, I/O accessibility and several communication interfaces. An LPC FMC interface is also supported for custom expansion purposes. You can visit [www.artron.com.tr/cygnus](http://www.artron.com.tr/cygnus) for the most up-to-date product information.

### Features

- Flash-based FPGA used as Carrier Management Controller
- Available Interfaces
  - SD Card
  - Gigabit Ethernet
  - USB 2.0
  - HDMI
  - Camera Link
  - FMC LPC
  - PMOD
  - CAN
  - RS485
  - RS232



## Mechanical Properties



### Dimensions

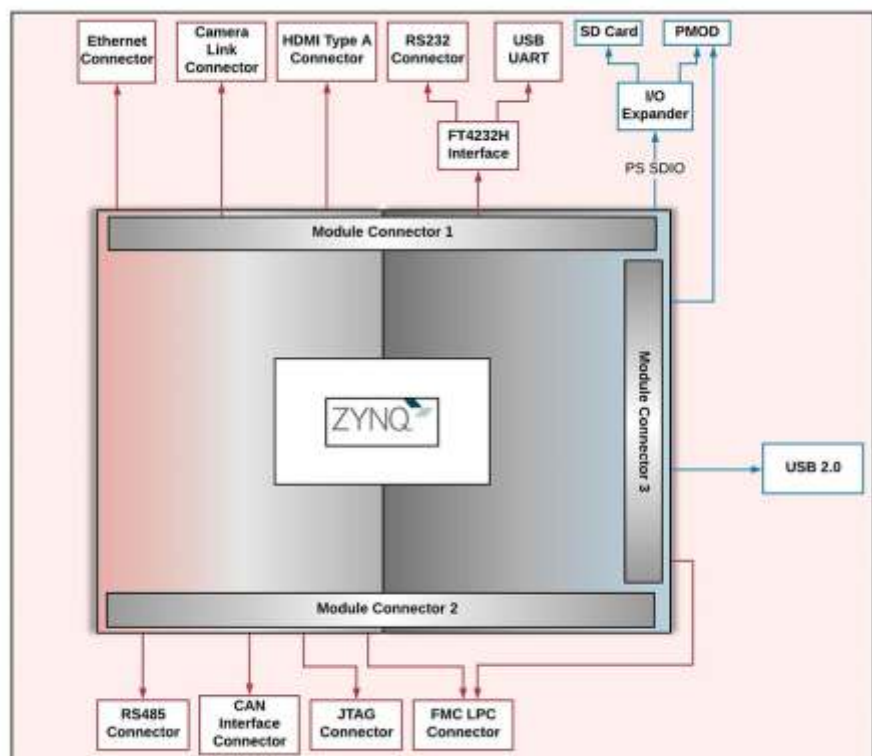
190 x 120 mm

## Ordering Information

Part Number	Definition	Pricing
ART-CYG-ZN3-CB	Cygnus-ZN3 Carrier Board	Contact us

Supported SoMs	Definition	Pricing
ART-CYG-ZN3Q-0720	SoM equipped with XA7Z020	Contact us

## Block Diagram



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