



Design to function

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CYGNUS®-ZN5 Carrier Board



Description

Cygnus® – ZN5 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 together reduces the engineering effort of development teams and brings the advantage of focusing solely on target application.

Hardware design files for the Cygnus® – ZN5 Carrier Board are fully open for the customers. This will allow the developers to build their own design on a proven hardware platform.

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.

Features

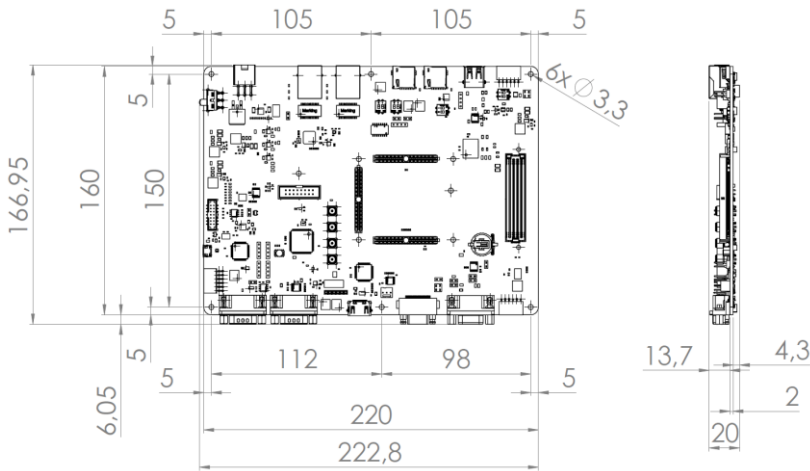
- Flash-based FPGA used as Carrier Management Controller
- Available Interfaces:
 - 2x SD Card
 - 2x Gigabit Ethernet
 - 1x HDMI
 - 1x FMC LPC
 - 2x PMOD
 - 1x CAN
 - 1x RS485
 - 1x RS232
 - 1x USB 2.0
 - 1x Camera Link



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Mechanical Properties



Dimensions	
Size	220 x 160 x 20 mm
Weight	278.3 g (without SoM)

Ordering Information

Part Number	Definition	Pricing
ART-CYG-ZN5-CB	Carrier Board	Contact us.

Supported SoM	Definition	Pricing
ART-CYG-ZN5-0745	SoM equipped with XC7Z045	Contact us.

Block Diagram

