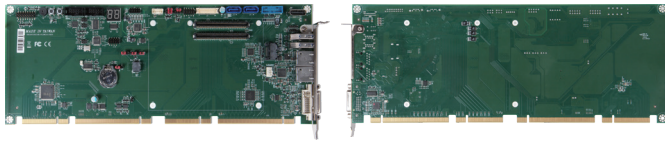


PCOM-C615

PCOM-C615 is PICMG 1.3 Full Size Form Factor Evaluation Carrier Board for COM Express® Revision 2.0 Type VI Module. PCOM-C615 follows standard PICMG 1.3 golden finger pin definition and let customer save system total cost for easily upgrading modules



FEATURES

- Supports four SATA III ports
- Supports multiple display by LVDS, HDMI, DP on board and DVI-I(DVI-D+VGA) on bracket(Choose either HDMI or VGA by BIOS)
- Rich I/O interfaces such as serial ports, USB, PCI



Portwell PCOM-C615 is designed with PICMG 1.3 form factor with COM Express Type VI row connectors, suitable for evaluation testing of Portwell's Type VI COM Express modules on PCIe, PEG, VGA/HDMI, DVI, USB and SATA interface.

General

Product	PCOM-C615
Form Factor	PICMG 1.3 (338.5 x 126.39mm)
Processor	Depends on Module
Core	
Freq.	
Turbo	
Cache	
Processor Graphics	
Graphics Base Frequency	
Graphics Max Dynamic Frequency	
HW Encoding	
HW Decoding	
HW Acceleration	
Processor TDP	
BIOS	
ECC Memory Supported	
Memory	

I/O Interface

SATA	4 x SATA III (2 ports through backplane)	
USB	2 x USB3.1 Gen2 ports on bracket 2 x USB3.1 Gen1 ports on board 4 x USB2.0 ports through backplane	
Ethernet	2 x GbE	
Serial I/O	GPIO	8 bit GPIO
	I ² C	base on module design
	SMBus	base on module design
	UART	1x RS232 1x RS232/422/485
PEG	1x PCIe x16 (PCIe Gen3)	
PCI Express	4x PCIe x1 or 1x PCIe x4 by different bios support (PCIe Gen3)	
Display	HDMI	base on module design
	DP	
	DVI-I (DVI-D/VGA)	
	24bit dual channel LVDS	
Security	N/A	

MECHANICAL & ENVIRONMENT

Dimension	338.5 x 126.39mm
Power DC IN	Support ATX power supply
Storage Temperature	-20°C to 80°C
Operation Temperature	0°C to 60°C
Certification	CE, FCC
MTBF	Over 100,000 hours ar 40°C
Vibration	N/A
OS	Depends on Module

ORDERING GUIDE

Product	Ordering P/N	Status
PCOM-C615	ABI-3J53	Available

BLOCK DIAGRAM

PCOM-C615

COM Express Type 6
Carrier Board

-20 ~ +80° C

