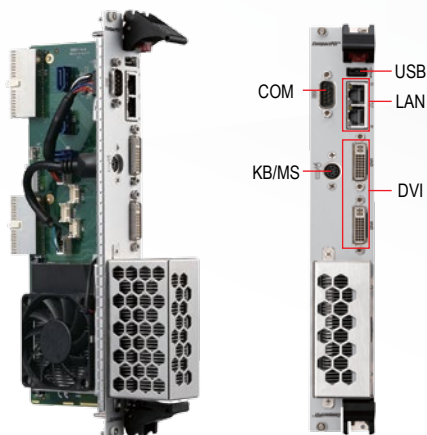


cPCI-R65N0

6U CompactPCI Rear Transition Module with NVIDIA MXM Graphics Module

NEW



Features

- MXM 3.0 module with NVIDIA GeForce GTX660M
- 2GB 128-bit DDR5 independent memory
- Supports NVIDIA CUDA core 384
- Dual independent display (DVI-I & DVI-D)
- Supports DirectX 11, Open GL 4.1

CompactPCI®

Specifications

Processor & System

MXM	MXM graphics module version 3.0, Type B
GPU	NVIDIA GeForce GTX660M graphics controller, 71W power Supports NVIDIA CUDA, DirectX 11, Open GL 4.1, Physx, 3D Vision
Memory	2GB 128-bit DDR5 independent memory Up to 835MHz engine clock with 2000MHz memory clock
CompactPCI Bus	PCI 32-bit, 33/66MHz, 3.3V or 5V universal V(I/O)
PICMG standards	PICMG 2.1 CompactPCI R3.0

Connectivity

Graphics	Integrated in MXM module One DVI-I and one DVI-D on faceplate from NVIDIA GPU
Ethernet	Two LAN ports on RTM faceplate routed from CPU processor blade
Serial Port	One serial port (RS-232/422/485) on faceplate One reserved 10-pin box header onboard
Audio	One 10-pin Mic-in/Line-in onboard box header supported by Realtek ALC262 HD Audio codec
USB	One USB 2.0 port on RTM faceplate Reserved 10-pin USB 2.0 box header
PS/2	One PS/2 keyboard/mouse on faceplate

Storage

RTM	Three onboard SATA 3Gb/s ports in 7-pin connectors
-----	--

Operating System

OS	Microsoft Windows 7, Server 2008 Red Hat Enterprise Linux 6.3 (Please contact ADLINK for other OS support)
----	--

Mechanical & Environmental

Form Factor	6U CompactPCI Rear Transition Module 233.35mm x 80 mm
Operating Temperature	0°C to +60°C (Extended Temperature -20°C to +70°C available upon request)
Storage Temperature	-40°C to +85°C
Power Consumption	0.41A @5V, 2.47A @12V, total 31.69W Auxiliary power needed for operation. 6-pin power cable provided for auxiliary power.
Certifications	CE/FCC

Compatible CPU board

CPU Boards	cPCI-6530/ cPCI-6520/ cPCI-6210/ cPCI-6510
------------	--

I/O Table

Model		GbE	USB 2.0	COM	DVI	SATA	PS/2 KB/MS	Audio
cPCI-R65N0	Faceplate	2	1	1 ⁽²⁾	2 ⁽¹⁾		1	
	On-board		1 (10-pin)	1 (10-pin) ⁽³⁾		3 (7-pin)		1 (10-pin)

- (1) One DVI-I and one DVI-D
(2) RS-232/422/485 selectable
(3) TX/RX only

Ordering Information

Model Number	Description/Configuration
cPCI-R65N0	2-slot (8HP) 6U CompactPCI Rear Transition Module with NVIDIA GeForce GTX660M MXM 3.0 module, supports DVI-I, DVI-D, USB 2.0, 2x GbE, COM(RS-232/422/485), PS/2 KB/MS