cBP-6108F, 6108R, 6408R

8-slot 32/64-bit 6U CompactPCI Backplane



cBP-6408R

Specifications

Model Name	cBP-6108F	cBP-6108R	cBP-6408R
PICMG	2.0 R3.0, 2.1 R2.0, 2.5 R1.0, 2.9 R1.0[Note]		
Dimensions	202.5 x 262.05 (mm, WxH, vertical insertion view)		
Segment	One		
cPCI Bus	32-bit/33MHz		Up to 64-bit/33MHz
System Slot	Right-hand side		
System Slot Rear I/O	P3, P4 and P5 rear I/O with AB-type shroud		
Peripheral Slot	Seven		
Peripheral Slot Rear I/O	None	P3 and P5 rear I/O with AB-type shroud	
H.110 Bus	None	Comply with PICMG 2.5, for all peripheral slots	
V(I/O)	3.3V or 5V selectable, factory default is 5V		
Power Connectors	ATX connector x3, DC screw terminals		
System Slot Legacy I/O	FDD, IDE1 and IDE2 (pin compatible with cPCI-6760D and cPCI-6780 only)		None
Utility Board Slot	Yes (pin compatible with cPCI-6760D)		None
Other Connectors	INH#, Reset, PWR_FAL#, Voltage LEDs, H.110 Power Pairs (VRG, Vbat), PICMG 2.9 IPMB[Note]		
Chassis or Sub-systems	cPCIS-3120F series	cPCIS-3120, 3330 series	cPCIS-3140, 3330/64 series
Recommended System Board	cPCI-6760D, 6770,	cPCI-6760D, cPCI-6780V/VS/TS cPCI-6780V/VS/TS	cPCI-6760D, 6780V/VS, 6810, 6820, 6830, 6860

Note: PICMG 2.9 is only available for cBP-6108R Rev.B2 and cBP-6408R Rev.B1 or later

Ordering Information

Model number	Description/Configuration
cBP-6108F	8-slot 32-bit 6U cPCI Backplane without Peripheral Rear I/O
cBP-6108R	8-slot 32-bit 6U cPCI H.110 Bus Backplane with Rear I/O
cBP-6408R	8-slot 64-bit 6U cPCI H.110 Bus Backplane with Rear I/O

cBP-6515R

15-slot 32-bit 3U I/O with 6U System CompactPCI Backplane



cBP-6515R

Specifications

Model Name	cBP-6515R
PICMG	2.0 R3.0, 2.1 R2.0, 2.7 R1.0
Dimensions	202.5 x 262.05 (mm, WxH, vertical insertion view)
Segment	One
cPCI Bus	32-bit/33MHz
System Slot	Right-hand side
System Slot Rear I/O	P3, P4 and P5 rear I/O with AB-type shroud
Peripheral Slot	14 (Bus A: 7 slots, Bus B: 7 slots)[Note]
Peripheral Slot Rear I/O	P2 rear I/O with AB-type shroud
H.110 Bus	None
V(I/O)	3.3V or 5V selectable, factory default is 5V
Power Connectors	ATX connector x3 DC screw terminals
System Slot Legacy I/O	FDD, IDE1 and IDE2 (pin compatible with cPCI-6760D only)
Utility Board Slot	Yes (pin compatible with cPCI-6760D)
Other Connectors	INH#, Reset, PWR_FAL#, Voltage LEDs
Chassis or Sub-systems	cPCIS-3020 series (only for big quantity OEM project)
Recommended System Board	cPCI-6760D with cPCI-R6760D

Note: One 3U peripheral slot pair should be removed for mounting vertical partition mechanism in 6U chassis, for example, #7 and #14 are removed on cBP-6515R/7, the maximum numbers of 3U add-on cards are 12 cards.

Ordering Information

Model number	Description/Configuration
cBP-6515R/7	15-slot 32-bit 3U I/O and 6U System cPCI Backplane with slot #7 and #14 removed

Note: All specifications are subject to change without further notice.

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