

CK card kit

Universal Expander Kit & Chassis Management board

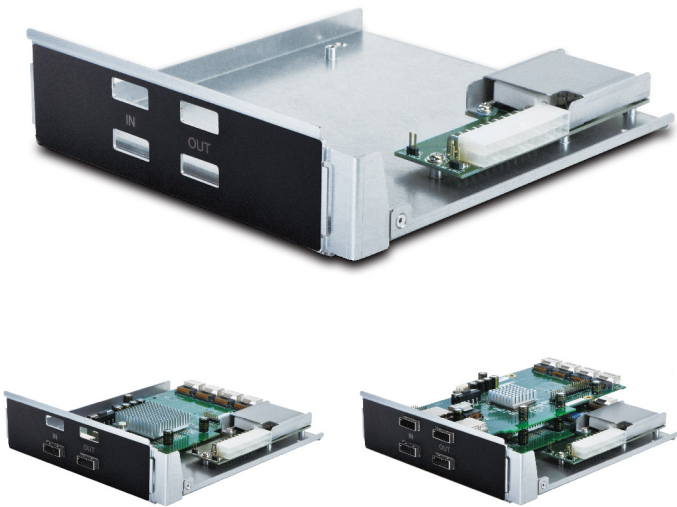
UEK

Universal Expander Kit

Specification	
Order Code	• 84H323210-017
key Feature	• Chenbro UEK (Universal Expander Kit) includes power switch board and carrier. It is mounted on M/B mounting hole and fit the M/B I/O window for JBOD application by adding chenbro expander board
Power Switch Board	• 24-pin PSU connector • 2-pin power LED cable pin header • 2-pin power switch cable pin header
Dimension (LxWxH)	• 194.4 x 172.5 x 48.7 (mm)
Net Weight	• 0.5 kg
Package Contents	• 1 x Universal Expander Carrier • 1 x Power switch board • 3 x Screw packs
Cable Option	• SFF-8087 to SFF-8087 Mini-SAS cable 600 mm • SFF-8088 to SFF-8088 Extend-SAS cable 860 mm

Application	
Application for JBOD	Support Max. HDDs Q'ty
UEK + 1 x CK12803 or CK22803	16
UEK + 2 x CK12803 or CK22803	32
UEK + 1 x CK13601 or CK23601	24
UEK + 2 x CK13601 or CK23601	48

Compatible Chassis	
■ RM21508B RM23212 RM23424 RM31212B RM31408 RM31508 RM31616 RM41648 RM41824	
▲ SR107 SR108 SR109 SR112	



CK expander board (1 pcs)

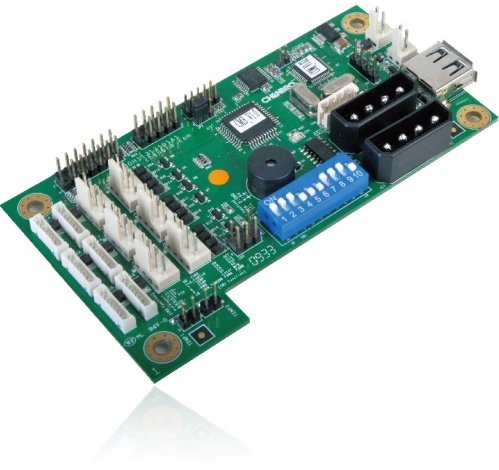
CK expander board (2 pcs)

CMB

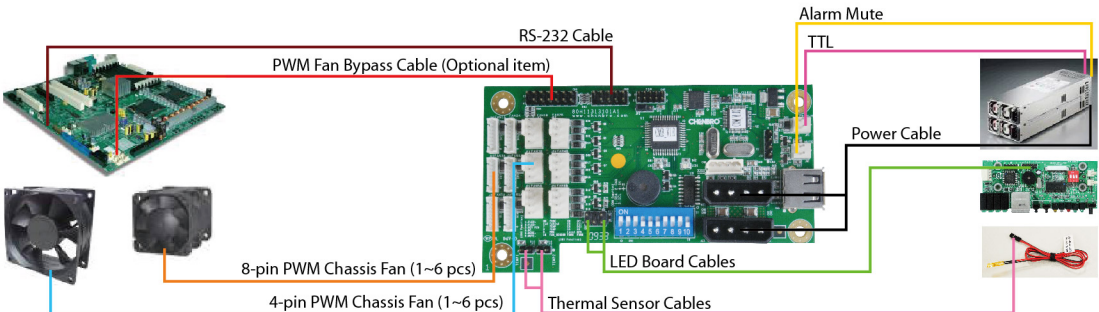
Chassis Management board

Specification	
Order Code	• 84H331410-025
key Feature	• Report Fan, RPSU, Temperature monitoring status to motherboard through USB or COM port
Dimension (LxWxH)	• 115 x 65 x 1.6 mm
Power Input	• 2 x 4 pin
Fan Monitoring	• Max. 6 x 8P8C fan or Max. 6 x 4P4C fan
RPSU Monitoring	• Input from RPSU-Alarm signal • Input from RPSU-Mute signal
Temperature monitoring	• Input from Thermal Sensor : 2 x 2 pin headers • Input from Alarm mute : 1 x 6 pin header
Control Mode	• Local control through COM-port or USB port daisy-chain configuration • Remote control through system LAN port
Support OS	• Windows XP/2000/Server 2003/Vista/Linux
Management Tool	• Chenbro CMB Utility
Net Weight	• 0.2 kg
Package Contents	• 1 x 6 port fan control board • 2 x thermistor sensors cable 670 mm • 1 x FLAT IDC cable 900 mm • 4 x Fan extend cable 400 mm • 1 x Alarm/Mute cable 580 mm • Big 4P to Big 4P cable 150 mm • 1 x PCI Bracket slot • 1 x Low profile PCI Bracket slot
Cable Option	• PWM fan bypass cable

Compatible Chassis	
■ RM13108 RM14108 RM21508B RM21600 RM21700 RM21706 RM22300 RM22500 RM23212 RM23424 RM31212B RM31408 RM31616	
■ RM41300 RM41616B RM41648 RM42200 RM42300 RM51424 RM51924B	



Cabling Example



card kit CK

SAS Expander V.S. RAID Card Compatibility

CHENBRO SAS Expander Product Line-up

Product Name	CK12803	CK12804	CK13601	CK22803	CK22804	CK23601
Order Part Number	CK12803H0C05	CK12804H0C04	CK13601H0C04	CK22803H0C01	CK22804H0C01	CK23601H0C01
Data Transfer Rate	3Gb/s	3Gb/s	3Gb/s	6Gb/s	6Gb/s	6Gb/s
Port Count	28	28	36	28	28	36
Form Factor	Full Height	Low Profile	Full Height	Full Height	Low Profile	Full Height
Internal Connector (SFF-8087)	5	7	7	5	7	7
External Connector (SFF-8088)	2	-	2	2	-	2
Number of Devices Supported	16	24	24	16	24	24
Maximum Physical Devices Supported	100	100	100	200	200	200