

FRM220 Slide-in Card Chassis

Overview

The FRM220 Chassis Product line includes various metal chassis sizes, which can hold from one to twenty FRM220 slide-in modules. The FRM220-CH01 is one slot chassis, which can be installed with one single width blade card for stand-alone applications. The available power options are external AC adapter, built-in AC, DC power or built-in AC+DC, AC+AC, DC+DC dual power. The FRM220-CH01M is one slot chassis with DB9 console port for local management, which can be installed with one single width blade card for stand-alone applications. The available power options are built-in AC, DC or built-in AC+DC dual power. The FRM220-CH02 is a two slot chassis, which can be installed with either one or two single width blades or one double width blade card for stand-alone applications. The only available power supply option is an external AC adapter.

The FRM220-CH02M is a two slot chassis with DB9 console port for local management, which can be installed with either one or two single width blade cards or one double width blade card. The available power supplies are built-in AC, DC or AC+DC dual power. The FRM220-CH02/NMC is a two slot chassis and the FRM220-CH04/NMC is a four slot chassis. Both chassis can be SNMP managed when installing one FRM220-NMC card for Web, Telnet, Console and SNMP management. The FRM220-CH02/NMC and FRM220-CH04/NMC can be installed with either one or two single width blade cards or one double width blade card. The FRM220-CH02/NMC available power options are built-in AC, DC or AC+DC dual power. The FRM220-CH04/NMC is only available with external AC adapter.

FRM220 One Slot Chassis

FRM220- CH01



Power Input

External adapter

Input voltage 100 ~ 240VAC 50/60Hz

Output voltage 12VDC 1A

AC power 100 ~ 240VAC

DC power 24VDC, 48VDC, 72VDC

Features

- One slot chassis for FRM220 line cards.
- Available in six types: external power adapter or power built-in AC, DC, AC+DC, AC+AC or DC+DC.
- Fanless
- Dimensions
external adapter: 160 x 88 x 24mm (D x W x H)
internal power: 180 x 135 x 35mm (D x W x H)

Ordering Information

	Line card		Power type
FRM220-	□□□□□	-CH01-	□□□□□
			DC12 : AC adapter
			AC : AC power
			DC :DC power
			AD : AC+DC power
			AA : AC+AC power
			DD :DC+DC power

Example. FRM220-10/100i-CH01-AC

FRM220 One Slot Chassis with Console port

FRM220-CH01M



Power Input

AC power 100 ~ 240VAC

DC power 24VDC, 48VDC, 72VDC

Features

- One slot chassis for FRM220 line cards
- Supports DB9 console port for Local management
- Available in three types: power built-in AC, DC, AC+DC.
- Fanless
- Dimensions : 201 x 135 x 35mm (D x W x H)

Ordering Information

	Line card		Power type
FRM220-	□□□□□	-CH01M-	□□□□□
			AC : AC power DC
			:DC power AD :
			AC+DC power

Example. FRM220-10/100i -CH01M-AC

FRM220 Two Slot Chassis

FRM220-CH02

Features

- Two slot chassis for FRM220 line cards
- Supports either one or two single width blades or one double width blade.
- Power type: external power adapter
- Fanless
- Dimensions : 139 x 88 x 44mm (D x W x H)

Power Input

Power adapter

Input voltage 100 ~ 240VAC 50/60Hz

Output voltage 12VDC 1A



Ordering Information

FRM220-CH02- Power type

DC12-1 : chassis for one AC adapter

Example: FRM220-CH02-DC12-1

FRM220 Two Slot Chassis with Console port

FRM220-CH02M

Features

- Two slot chassis for FRM220 line cards
- Supports backplane connection between two slots
- Supports DB9 console port for local management
- Supports either one or two single width blades or one double width blade.
Available in three types: built-in AC, DC, AC+DC.
- Cooling Fan
- Dimensions : 220 x 168 x 45mm (D x W x H)

FRM220 SNMP manageable

Two Slot Chassis

FRM220-CH02/ NMC

Features

- Two slot chassis for FRM220 line cards
- Supports backplane connection between two slots
- Telnet, Web, Console, SNMP manageable via NMC card
- Supports either one or two single width blades or one double width blade.
Available in three types: built-in AC, DC, AC+DC.
- Cooling Fan
- Dimension : 220 x 168 x 45mm (D x W x H)



Power Input

AC power 100 ~ 240VAC

DC power 24VDC, 48VDC, 72VDC

Ordering Information

FRM220-CH02M-
FRM220-CH02/NMC- Power type

AC : AC power
 DC : DC power
 AD : AC+DC power

Example: FRM220-CH02M-AC

FRM220-CH02/NMC-AC

FRM220 SNMP manageable Four Slot Chassis

FRM220-CH04/ NMC



Power Input

Power adapter

Input voltage 100 ~ 240VAC 50/60Hz

Output voltage 12VDC 2A

Features

- Four slot chassis for FRM220 line cards
- Supports backplane connection between four slots
- Telnet, Web, Console, SNMP manageable via NMC card
- Supports one to four single width blades or two double width blades.
- Available with external power only
- Fanless
- Dimension : 162 x 87 x 88mm (D x W x H)

Ordering Information

FRM220-CH04/NMC-DC12: 4 Slot Chassis with external adapter