PROTOGATE
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Freeway Model FW3215-300-2U-Q

2U Rackmount System with Single or Redundant Power Supplies (FW3215R-300-2U-Q)

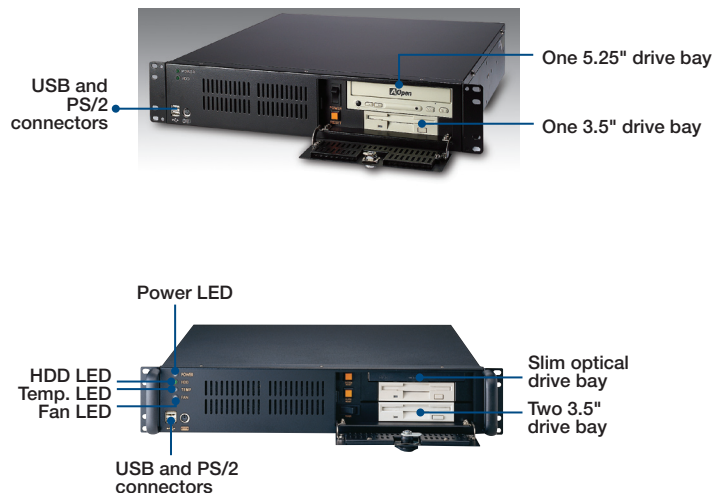PICMG 1.0
PICMG 1.3

CE FCC

Features

- 2U rackmount chassis supports up to 3 cards
- Butterfly backplane design
- Front-accessible USB and PS/2 connectors
- 300W AC ATX power supply
- Two 47 CFM cooling fans with air filter
- Lockable front door prevents unauthorized access
- System alarm notification by front LED indicators
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

The FW3215 supports up to 24 serial ports while consuming only a 2U space. Two 10/100/1000 Ethernet LAN Connections are standard, and 2 PCI plus 1 PCIe slots are available to accommodate either Intelligent Communications Processor Boards(which manage the serial ports), or additional Ethernet interfaces. A hard disk or flash disk can be used for local storage of boot parameters and custom network applications.
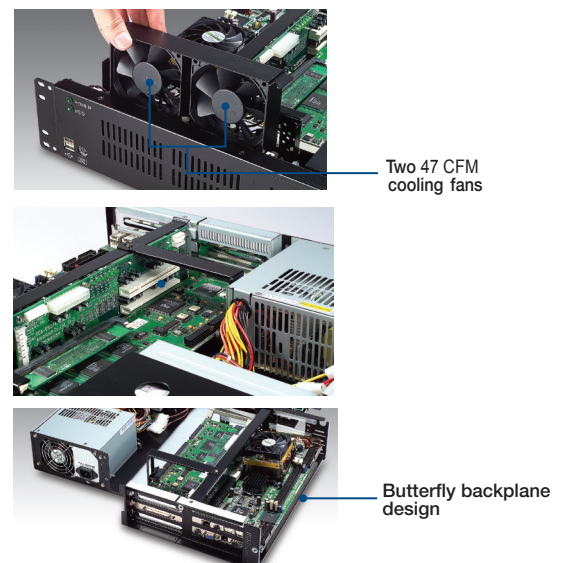
Specifications

		External	Internal
Drive Bay	Slim Optical Disk Drive	1	-
	3.5"	2	-
	5.25"	--	
Cooling	Fan	2 (8 cm / 47 CFM each)	
	Air Filter	Yes	
Front I/O Interface	USB	2	
	PS/2	1	
Miscellaneous	LED Indicators	Power and HDD activity; fan and temperature	
	Rear Panel	One 9-pin D-Sub opening	
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected MBs/CPU cards with SUSIAccess installed can fully enable these functions, check with rep. for detailed information.)		

		Operating	Non-Operating
Environment	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85% @ 40° C, non-condensing	10 ~ 95% @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	0.5 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 451 mm (19" x 3.5" x 17.8")	
	Weight	11.5 kg (25.3 lb) / 11.3 kg (24.9 lb)	

Front View

USB and PS/2 connectors

One 5.25" drive bay

One 3.5" drive bay

Power LED

HDD LED
Temp. LED
Fan LED

USB and PS/2 connectors

Slim optical drive bay

Two 3.5" drive bay

Inside View

Two 47 CFM cooling fans

Butterfly backplane design

Dimensions

Unit: mm [inch]

POWER SUPPLY

426.4 [16.80]

465.0 [18.32]
482.0 [18.99]

44.4 [1.75]
88.0 [3.47]

87.6 [3.45]

490.6 [19.33]
450.6 [17.75]

44.5 [1.75]

92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 61.0 [2.40]