

SuperChassis 113MFAC2-341CB



► [**Chassis Manual**](#)
► [**Optimization**](#)

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Key Features

1. 1U Chassis for motherboard support size: (12" x 10") (ATX 12" x 10")
 2. 8 x 2.5" hot-swap SAS/SATA drive bay
 3. 8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices
 4. 1U 340W Multi-output power supply W/PMbus, Platinum level
 5. 1 full-height & full-length expansion slot(s)
 6. 4 x 40x28mm PWM fan(s)
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Specifications

Product SKUs

CSE-113MFAC2-341CB	■ SuperChassis 113MFAC2-341CB
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Form Factor

■ 1U Chassis for motherboard support size: (12" x 10") (ATX 12" x 10")
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Processor Support

■ Single Intel® and AMD processors

Dimensions

Height	■ 1.7" (43 mm)
Width	■ 17.2" (437 mm)
Depth	■ 19.98" (507 mm)
Net Weight	■ 18.5 lbs (8.39 kg)
Gross Weight	■ 29.5 lbs (13.38 kg)
Packaging (W x H x L)	■ 24" (610 mm) x 8.3" (211 mm) x 30" (762 mm)
Available Color	■ Black

Expansion Slots

■ 1 full-height & full-length expansion slot(s)

Drive Bays

■ 8 x 2.5" hot-sw ap SAS/SATA drive bay

Backplane

■ 8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices

Peripheral Drives

■ Optional 1 x slim DVD-ROM drive bay

Front Panel

Buttons	■ Pow er On/Off button ■ System Reset Button
LEDs	■ 2 Netw ork Activity LEDs ■ HDD activity LED ■ Pow er Status LED ■ Unit Identification (UID) LED

Systems Cooling

Fans	■ 4 x 40x28mm PWM fan(s)
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Operating Environment (System)

Operating Temperature Range	■ 5°C - 35°C (41°F - 95°F)
Non-Operating Temperature Range	■ -40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	■ 8% - 90% (non-condensing)
Non-Operating Relative Humidity Range	■ 5% - 95% (non-condensing)

Power Supply

1U 340W Multi-output pow er supply W/PMbus, Platinum level

Power Efficiency	■ 93%
Total Output Power and Input	■ 340W with Input 100 - 240Vac
AC Input Frequency	■ 50-60Hz
Dimensions (L x W x H)	■ 279.4 x 76 x 40.4 mm
Output Type	■ 24pin ATX
-12V	■ Max: 0.5A / Min: 0A
+12V	■ Max: 28A / Min: 0.5A (100Vac - 240Vac)
+5V	■ Max: 16A / Min: 0.5A
+3.3V	■ Max: 15A / Min: 0.5A
+5Vsb	■ Max: 3A / Min: 0A
+12Vsb	■ Max: NAA

Certification	■  Platinum Certified
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Regulatory (Power Supply)

Power Supply Safety / EMC	■ CE/EMC ■ FCC class B ■ TUV/CB ■ UL/CUL
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Components

Standard Parts List

	Part Number	Qty	Description
HD Backplane	BPB-SAS3-113A-N2	1	8-port 1U SAS3 12Gbps Hybrid backplane, support up to 6x 2.5-inch SAS3/SATA3 HDD/SSD and 2x SAS3/SATA3/NVMe Storage Devices
Cable(S)	CBL-0335L	1	CBL,FRONT CNTL,20 TO 20 PIN,RA,RND TUBE,73CM,28AWG
CD-ROM & Accessory	MCP-290-00036-0B	1	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Fan(s)	FAN-0154L4	4	40x40x28 mm, 22.5K RPM, SC813MF Middle Cooling Fan,RoHS/REACH
Front Panel	FPB-FP112	1	Front control board for SC113,113M (U/C share
Cooling Fan & Accessory	MCP-320-00031-0B	1	Fan tray for six 40x28 fans(SC813M/113M)
Drive Tray(s)	MCP-220-00047-0B	8	Black gen 3rd hot-sw ap 2.5inch HDD tray
Part(s)	MCP-290-00037-0N	1	SC113 Control panel module (w/o DVD)
Part(s)	MCP-340-00001-01	2	Dummy fan 40x28mm
Part(s)	MCP-260-00078-0N	1	1U I/O shield for X10 and X9 Server MB with 5X5mm vent hole and EMI Gasket,RoHS/REACH,PBF
Power Supply & Accessory	PWS-341P-1H	1	1U 340W Multi Output with PMBus Power Supply 24Pin
Mounting Rail(s)	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rail(s)	MCP-290-00107-0N	1set	Inner rail, front, short, screw type
Mounting Rail(s)	MCP-290-00110-0N	1set	Inner rail, extension (quick) for 1U 17.2
Rear Window	MCP-240-00085-0N	1	STD rear window for SC113 single PWS

Optional Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-19007-0N	-	SC811/SC512L/SC512F/SC813M/SC113M/SC513L-410B/SC513L-420B/SC513F, UP X9SRE/I, X9 Mylar Air Shroud, 12"x9.6" MB
Air Shroud	MCP-310-19009-0N	-	SC811, SC111, SC813M, SC113M, SC512F-280/350/410/520/600, SC513L-410/420, DP X9DBL, X9 Mylar Air Shroud, 12"x10" MB
Air Shroud	MCP-310-19015-0N	-	SC813M,SC113M, DP X9DRL-EF/ X9DRL-7F/ X10DRL-i, X9/X10 mylar air shroud, 12"x10" MB,RoHS/REACH
2.5" HDD Bracket	MCP-290-00036-0B	-	Black DVD dummy tray support 1x2.5 HDD for SC113,815,825,836
Front USB	MCP-220-00087-0B	-	Black USB tray for slim DVD bay
Rail	CSE-PT52L	-	Sliver chassis rail set for SC813M,515,113M

Motherboard (for CSE- 113MFAC2-341CB)

X11SSH-F

X11SSH-LN4F

X11SSI-LN4F

X11SSL-F

X11SSL

X11SSM-F

● X11SSM

X11SSH-CTE

X11SSH-TF

X11SP-TF

X11SPL-F

X11SPM-TF

X11SPM-TPF

X11SPM-F

● = Most optimized Chassis for SuperServer Configuration

Blue color = Compatible

Green color = Global SKU & Compatible

Red dot & green color = Optimized + Global SKU