

SuperChassis 815TQC-605CB



Key Features

1. 1U Chassis for motherboard support size: (13.68" x 13")
2. 4 x 3.5" hot-swap SAS/SATA
3. SAS or enterprise SATA HDD only recommended
4. 1U 4-Port 12Gbps Backplane Support 4x3.5" SAS3/SATA3 HDD/SSD
5. 1U 600W platinum efficiency multiple output power supply w/pmbus
6. 1 full-height & full-length expansion slot(s)
7. 4 x 40x56mm counter-rotation PWM fan(s)


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

Specifications

Product SKUs	
CSE-815TQC-605CB	• SuperChassis 815TQC-605CB
Form Factor	
	• 1U Chassis for motherboard support size: (13.68" x 13")
Processor Support	
	• Dual, single Intel® / AMD processors
Dimensions	
Height	• 1.7" (43 mm)
Width	• 17.2" (437 mm)
Depth	• 25.6" (650 mm)
Gross Weight	• 36 lbs (16.33 kg)
Packaging (W x H x L)	• 23.5" (597 mm) x 8.5" (216 mm) x 33.7" (856 mm)
Available Color	• Black
Expansion Slots	
	• 1 full-height & full-length expansion slot(s)
Drive Bays	
	• 4 x 3.5" hot-swap SAS/SATA • SAS or enterprise SATA HDD only recommended
Backplane	
	• 1U 4-Port 12Gbps Backplane Support 4x3.5" SAS3/SATA3 HDD/SSD
Peripheral Drives	
	• Optional 1 x slim DVD-ROM drive bay

Systems Cooling	
Fans	• 4 x 40x56mm counter-rotation PWM fan(s)
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 600W platinum efficiency multiple output power supply w/pmbus
Power Efficiency	• 92%
Total Output Power and Input	• 600W 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: 49A / Min: 0.5A (100Vac - 240Vac)
+5V	• Max: 18A / Min: 0.5A

Front Panel	
Buttons	<ul style="list-style-type: none"> Power On/Off button System Reset Button
LEDs	<ul style="list-style-type: none"> 2 Network Activity LEDs Fan Fail/System Over Heat LED HDD activity LED Power Status LED Unit Identification (UID) LED

+3.3V	<ul style="list-style-type: none"> Max: 15A / Min: 0.5A
+5Vsb	<ul style="list-style-type: none"> Max: 3A / Min: 0A
Certification	<ul style="list-style-type: none">  Platinum Certified
Regulatory (Power Supply)	
Power Supply Safety / EMC	<ul style="list-style-type: none"> BSMI CCC CE/EMC FCC class B TUV/CB UL/CUL

Components

Standard Parts List

	Part Number	Qty	Description
Air Shroud	MCP-310-19001-0N	1	SC815/113/116 Intel DP X9, X8 PC air shroud,1368x13/12x13MB
HD Backplane	BPN-SAS3-815TQ	1	1U 4-Port 12Gbps Backplane Support 4x3.5" SAS3/SATA3 HDD/SSD
Cable(S)	CBL-0071L	1	ROUND 16 pin TO 16 PIN RIBBON FP CABLE 75cm. 28AWG
Cable(S)	CBL-PWCD-0160-IS	1	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,13A,125V,RoHS/REACH
CD-ROM & Accessory	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan(s)	FAN-0156L4	4	40x40x56 mm 13K-11K RPM Counter-rotating Fan,RoHS/REACH
Front Panel	FPB-FP813-D	1	Front control board dual color for SC815,SC813M (C)
Cooling Fan & Accessory	CSE-PT0135	1	FAN HOLDER FOR SIX 40X56MM COUNTER ROTATING FANS
Cooling Fan & Accessory	MCP-340-00035-0B	2	Dummy fan 40x56mm for 40x56 counter-rotating fan (cost-effective)
Drive Tray(s)	MCP-220-00075-0B	4	Black gen 5.5 hot-swap 3.5"; HDD tray
Part(s)	MCP-120-00053-0N	1	Blank FH L bracket w/o SCSI cutout for SC825,836,846,743
Power Supply & Accessory	PWS-605P-1H	1	1U 600W Multi Output Power Supply PMbus
Mounting Rail(s)	MCP-290-00054-0N	1set	Rail set, quick/quick, optional for 1U 17.2
Mounting Rail(s)	MCP-290-00102-0N	2	Outer rail, quick-release type, 25.6
Mounting Rail(s)	MCP-290-00106-0N	2	Inner rail, front, quick-release type
Mounting Rail(s)	MCP-290-00110-0N	2	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
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray
Front Bezel	CSE-PTFB-813LB (black)	-	Front Bezel Cover, Black (optional)
Front Tray	CSE-PT40 (B)	-	Front USB and COM tray (Occupies Slim Floppy Drive Location)
Heatsink / Retention	N/A	-	Please refer to our Thermal Components Matrix
LCD/OLED Solutions	N/A	-	Please reference the LCD/OLED Display Solutions for details
Mounting Rail	MCP-290-00056-0N	-	19" to 26.4" outer rail, /quick, for 1U 17.2" W chassis
Peripheral Drive(s)	CSE-PT92L	-	Slim IDE DVD kit
Peripheral Drive(s)	DVM-TEAC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
Peripheral Drive(s)	DVM-PNSC-DVD-SBT3	-	Black slim SATA DVD (8x DVD, 24x CDR), Panasonic
Peripheral Drive(s)	MCP-220-81502-0N	-	Slim SATA DVD kit (include backplane, cable)
Tray(s)	MCP-290-00036-0B	-	Black DVD dummy tray, supports 1x 2.5" slim HDD (9.6mm thick)