SuperChassis 813MFTQ-520CB

**Key Features**

1. **Power**
   - 520W High-efficiency Power Supply

2. **Drives**
   - 4.3" Hot-swappable SAS / SATA Drive Bays

3. **Expansion**
   - 1x Full-height, Half-length PCI Expansion Slot

4. **Fan**
   - 4x 4cm 13,000 RPM PWM Fans

5. **Power Supply**
   - 1U, 40x28mm 4-pin 13K RPM PWM Fan

6. **I/O Expansion**
   - 8-pin to 8-pin Ribbon Cable For SGPIO

7. **I/O Ports**
   - 60cm Round Floppy Cable
   - Front Panel Ribbon Cable (BOM)

8. **Temperature**
   - Operating: 5°C ~ 35°C (41°F ~ 95°F)

9. **Humidity**
   - Operating: 8% ~ 90% (non-condensing)

10. **Fan**
    - Hot-swappable (2 fans)

11. **Power Switch / Reset & System Overheat LED**

12. **Enclosure**
    - 1U, Slim DVD-ROM Drive (Optional)

13. **LED Indicators**
    - Power LED
    - Hard drive activity LED
    - System Reset button
    - System Overheat LED
    - 2x Network activity LED

14. **Keyboard**
    - Front Bezel Cover with Key Lock and Filter, Black (B) & Beige

15. **Motor**
    - 520W AC to DC power supply with PFC

16. **Safety / EMC**
    - EN 60950/IEC 60950-1 Compliant
    - US - UL Listed, CUL Listed
    - Canada - CUL Listed
    - Europe - CE Mark
    - China -CCC Listed
    - Europe - RoHS Compliant
    - EN 55022:2006:EMC (Class B)

17. **Components**
    - 12V, 3.3V, 5V, +12V, +5V standby, -12V
    - ±5% - ±10% regulated

18. **Cables**
    - 35cm SATA Cable
    - 60cm Round Floppy Cable
    - Front Panel Ribbon Cable

19. **Power**
    - 520W 1U Power Supply with Harness

20. **Mounting Rails**
    - 1x SAS / SATA Backplane

21. **Hot-swappable Trays**
    - 4x 3.5" Hot-swappable SAS / SATA Drive Bays

22. **System Cooling**
    - 4x 4cm 13,000 RPM PWM Fans

23. **Power**
    - 1U, 40x28mm 4-pin 13K RPM PWM Fan

24. **I/O Expansion Slot**
    - 8-pin to 8-pin Ribbon Cable For SGPIO

25. **I/O Ports**
    - 60cm Round Floppy Cable
    - Front Panel Ribbon Cable

26. **Power**
    - 520W AC to DC power supply with PFC

27. **Safety / EMC**
    - EN 60950/IEC 60950-1 Compliant
    - US - UL Listed, CUL Listed
    - Canada - CUL Listed
    - Europe - CE Mark
    - China -CCC Listed
    - Europe - RoHS Compliant

**Specifications**

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<th>Description</th>
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<td>Chassis</td>
<td>CSE-813MFTQ</td>
<td>SuperChassis SC813MFTQ-520CB (Black)</td>
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**Optional Parts List**

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**System Cooling**

- 4x 4cm 13,000 RPM PWM fans

**Operating Environment**

- **Temperature Range**
  - Operating: 5°C ~ 35°C (41°F ~ 95°F)
  - Non-Operating: -40°C ~ 60°C (-40°F ~ 140°F)

- **Humidity Range**
  - Operating: 8% ~ 90% (non-condensing)
  - Non-Operating: 5% ~ 85% (non-condensing)

**Regulatory (Power Supply)**

- **Safety / EMC**
  - EN 60950/IEC 60950-1 Compliant
  - US - UL Listed, CUL Listed
  - Canada - CUL Listed
  - Europe - CE Mark
  - China -CCC Listed
  - Europe - RoHS Compliant

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