

SuperChassis 842TQ-865B

Front View



Alternate View



Rear View



Key Features

1. 865W High Efficiency Power Supply
2. 5x 3.5" HDD Bays
3. 3x 5.25" Peripheral Drive Bays
4. 1x Slim DVD-ROM Drive Bay
5. 7x Full-height, Full-length Tool-less Expansion Slots
6. Dual channel Air Duct design
7. 2x Front USB 2.0 Ports & 1x Com port
8. Optional Front Bezel with Removable Air Filter
9. Power Switch, Reset Switch & 6x LED Indicators

Specifications

Product SKUs

- CSE-842TQ-865B** ■ SuperChassis 842TQ-865B (Black)

Form Factor

Industrial Short-Depth 4U Rackmount supports E-ATX, ATX, Micro ATX motherboards; max. motherboard size 12" x 13"

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Height ■ 7.0" (178mm)

Width ■ 17.2" (437mm)

Depth ■ 20.5" (521mm)

Packaging ■ 26.4" (W) x 13.8" (H) x 31.5" (D)
670mm (W) x 350mm (H) x 800mm (D)

Gross Weight ■ 25 lbs (11.3kg)

Available Colors ■ Black

Expansion Slots

7x Tool-less Full-height, Full-length PCI Expansion Slots

Drive Bays

Hot-swap ■ 5x 3.5" (8x 2.5" optional kits; SAS/SATA Hot-swap Drive Bays)
■ SAS or enterprise SATA HDD only recommended

Peripheral Bay(s) ■ 3x 5.25" Peripheral Drive Bays
■ 1x Slim DVD-ROM (optional) Drive Bay

SAS / SATA Backplane

SAS / SATA Hard Drive Backplane

Front Panel

Buttons ■ Power On/Off button
■ System Reset button

LEDs ■ Power LED
■ Hard drive activity LED
■ 2x Network activity LEDs
■ System Overheat LED
■ Power Fail LED

Ports ■ 2x USB 2.0 Ports

Motherboard(s) for CSE-842TQ-865B

X10DRI	X10DRI-T
X10DRL-C	X10DRL-CT
X10DRL-i	X10DRL-iT
X10SL7-F	X10SLH-F
X10SLL+-F	X10SLL-F
X10SLL-S	X10SLL-SF
X10SLM+-F	X10SLM+-LN4F
X10SLM-F	X10SLX-F
X10SRH-CF	X10SRH-CLN4F
X10SRI-F	X10SRL-F
X9DB3-F	X9DB3-TPF
X9DBi-F	X9DBi-TPF
X9DBL-3	X9DBL-3F
X9DBL-i	X9DBL-iF
X9DRL-3F	X9DRL-7F
X9DRL-EF	X9DRL-iF
X9SCI-LN4	X9SCL
X9SCL+-F	X9SCL-F
X9SCM	X9SCM-F
X9SCM-IIF	X9SRE
X9SRE-3F	X9SRE-F
X9SRH-7F	X9SRH-7TF
X9SRI	X9SRI-3F
X9SRI-F	X9SRL-F

System Cooling

- Fans (Hot-plug)** ■ 1x Front Intake 9cm PWM cooling fan
■ 2x Rear 8cm PWM cooling fans

System Monitoring

Chassis intrusion switch

Operating Environment (System)


Operating Temperature Range ■ 5°C ~ 35°C (41°F ~ 95°F)

Non-Operating Temperature Range ■ -40°C ~ 60°C (-40°F ~ 140°F)

Operating Relative Humidity Range ■ 8% ~ 90% (non-condensing)

Non-Operating Relative Humidity Range ■ 5% - 95% (non-condensing)



Power Supply	
865W AC power supply (cooling-redundant) w/ PFC	
AC Voltage	■ 100 - 240V, 50-60Hz, 12-6 Amp
+5V standby	■ 6.5 Amp
+12V	■ 70 Amp
+5V	■ 30 Amp
+3.3V	■ 30 Amp
-12V	■ 1 Amp
Certification	 Certified
Regulatory (Power Supply)	
Power Supply Safety / EMC	■ USA - UL listed, FCC
	■ Canada - CUL listed
	■ Germany - TUV Certified
	■ Europe/CE Mark
	■ EN 60950/IEC 60950-Compliant

X11SSL-F



Key Features

1. Single socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v5, Intel® 6th Gen. Core™ i3 series, Intel® Celeron® and Intel® Pentium®
2. Intel® C232 chipset
3. Up to 64GB Unbuffered ECC UDIMM DDR4 2133MHz; 4 DIMM slots
4. Expansion slots:
1 PCI-E 3.0 x8 (in x16),
1 PCI-E 3.0 x8,
1 PCI-E 3.0 x4 (in x8)
5. Dual GbE LAN with Intel® i210-AT
6. 6 SATA3 (6Gbps) via C232; RAID 0, 1, 5, 10
7. I/O: 1 VGA, 1 COM, TPM header
8. 2 SuperDOM with built-in power
9. 5 USB 3.0 (2 rear, 2 via header, 1 Type A), 6 USB 2.0 (2 rear, 4 via headers)
10. Integrated IPMI 2.0 and KVM with Dedicated LAN

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

Specifications

Product SKUs	
MBD-X11SSL-F	■ X11SSL-F (Bulk Pack)
Physical Stats	
Form Factor	■ Micro-ATX
Dimensions	■ 9.6" x 9.6" (24.38cm x 24.38cm)
Processor/Cache	
CPU	<ul style="list-style-type: none"> ■ Intel® 6th Generation Core™ i3 series ■ Intel® Celeron® ■ Intel® Pentium® ■ Intel® Xeon® processor E3-1200 v5 series ■ Socket H4 (LGA 1151) supported; CPU TDP support 80W
System Memory	
Memory Capacity	■ 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots
Memory Type	■ 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
DIMM Sizes	■ 4GB, 8GB, 16GB
Memory Voltage	■ 1.2 V
Error Detection	<ul style="list-style-type: none"> ■ Corrects single-bit errors ■ Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	■ Intel® C232
SATA	■ Intel® C232 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10
Network Controllers	■ Dual LAN with Intel® Ethernet Controller i210-AT
Graphics	■ Aspeed AST2400 BMC
Input / Output	
USB	<ul style="list-style-type: none"> ■ 6 USB 2.0 ports (2 rear, 4 via header) ■ 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A)
Video Output	<ul style="list-style-type: none"> ■ 1 VGA ■ 1 Aspeed AST2400 BMC
Serial Port / Header	■ 1 COM Ports (1 rear)
TPM	■ Header

Expansion Slots	
PCI-E	<ul style="list-style-type: none"> ■ 1 PCI-E 3.0 x8 (in x16 slot) ■ 1 PCI-E 3.0 x8 ■ 1 PCI-E 3.0 x4 (in x8 slot)
System BIOS	
BIOS Type	■ 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	<ul style="list-style-type: none"> ■ ACPI 1.0 / 2.0 / 3.0 / 4.0 ■ APM 1.2 ■ DMI 2.3 ■ Hardware BIOS Virus protection ■ PCI 2.3 ■ Plug and Play (PnP) ■ RTC (Real Time Clock) Wakeup ■ SMBIOS 2.7.1 ■ UEFI 2.3.1 ■ USB Keyboard support
Management	
Software	■ IPMI 2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog
Power Configurations	<ul style="list-style-type: none"> ■ ACPI Power Management ■ Power-on mode for AC power recovery
PC Health Monitoring	
Voltage	■ +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT
FAN	■ 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
Temperature	<ul style="list-style-type: none"> ■ Thermal Monitor 2 (TM2) support ■ PECI ■ Monitoring for CPU and chassis environment ■ CPU thermal trip support
LED	<ul style="list-style-type: none"> ■ UID/Remote UID ■ CPU/System Overheat LED
Other Features	■ Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, WOL



Operating Environment	
Operating Temperature Range	0°C ~ 50°C (32°F ~ 122°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)