

# Syn-300 Server



## Product SKUs

**CSE-512L-200B:** SuperChassis 512L-200B (Black)

## Form Factor

14" Mini 1U chassis support for max. motherboard size - 12" x 9.6" ATX

## Dimensions

**Size:** 1.7' (43 mm) x 16.8" (426 mm) x 14" (356mm)

**Weight:** 11 lbs (5kg)

**Available Color:** Black

## Processor Support

Supports single Intel® / AMD processor

## Dimensions

**Height:** 1.7" (43mm)

**Width:** 16.8" (426mm)

**Depth:** 14.0" (356mm)

**Gross Weight:** 11 lbs (5kg)

## Expansion Slot

1x full-height half-length expansion slot (Riser Card Required)

## Drive Bays

**Internal Bay:** 2x 3.5" internal drive bays, SAS or enterprise SATA HDD only recommended

## Front Panel

**Buttons:** Power On/Off button, System Reset button

**LEDs:** Power LED, Hard drive activity LED, 2x Network activity LEDs, System Overheat LED

## Motherboard(s) for CSE-512L-200B

A1SAM-2550F, A1SRM-2558F, A1SRM-2758F, A1SAM-2750F, A1SRM-LN7F-2758, A1SRM-LN7F-2358, A1SRM-LN5F-2358, H8SML-7F, H8SML-7, H8SML-iF, H8SML-i

## System Cooling

**Fans:** 1x 10cm 3,800 RPM PWM blower fan

## 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

200W Low Noise AC-DC power supply with PFC

**AC Voltage:** 100 - 240V, 50-60Hz, 3-1.5 Amp Max

**+5V:** 16.0 Amp

**+5V standby:** 2.0 Amp

**+12V:** 15.0 Amp

**-12V:** 0.8 Amp

**+3.3V:** 17.0 Amp

## 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