



Product Brief

Intel® Entry Server
Chassis SC5295UP

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A Reliable, Quiet, and Flexible Server Chassis for Entry-Level Server Systems



Product Overview

For many small and medium-size businesses, entry-level servers have allowed them to grow in size and competitive edge. These servers require a chassis that blends performance and cost-effectiveness with quiet operation and serviceability. In addition, data security and reliability, as well as strong data protection and ease of retrieval, are critical elements in technology planning for these businesses. The Intel® Entry Server Chassis SC5295UP constitutes a key

building block for an ideal server solution for e-mail, Web hosting, basic database management, file and print sharing and remote access services.

This chassis is designed for both rack and pedestal needs. To simplify integration and maintenance, the SC5295UP offers toolless features on all drives, bays and the system fan. Supporting up to two 5.25", one 3.5" devices, and six fixed hard drive bays, the SC5295UP delivers affordable performance, giving small and medium-size businesses enough room to grow. The SC5295UP supports the next-generation boards S3000AHV, S3000AH and S3000AHLX as well as the Intel® Entry Server Board SE7230NH1 family.



Chassis Specifications

Chassis

Chassis Order Code¹

Form Factor

M/B Size

CPU Support

Intel® Server Board Support

Drive Bays

System Cooling

Power Supply

Toolless Features

Pedestal Dimensions (H x W x D)

Rack Dimensions (H x W x D)

Bezel Features

Front Connectors

Intel® Server Chassis SC5295UP

SC5295UP

SC5299UPNA

Pedestal or Rack

ATX up to 12" x 10.6"

Intel® Xeon® Processor 3000 Sequence

Intel® Pentium® D Processor

Intel® Pentium® Processor Extreme Edition

Intel® Pentium® 4 Processor

Intel® Celeron® D Processor

Intel® Entry Server Board S3000AHV, S3000AH, S3000AHLX,
SE7230NH1 and SE7230NH1LX

6 x fixed hard drives

1 x 3.5" floppy

2 x 5.25" bays

One toolless system fan

350-watt PFC

Peripheral bays, fixed hard drive bay, system fan, PCI slots

17.8" (452 mm) x 9.256" (235 mm) x 19" (483 mm)

9.256" (235 mm) x 17.6" (447 mm) x 19" (483 mm)

Lockable, Black, Support for Intel® Local Control Panel: AXXLCPPED

Two USB

Power Delivery

350-watt PFC

+5V 25A maximum continuous current

+5V Standby 2A minimum continuous current

+12V 25A maximum continuous current

+3.3V 22A maximum continuous current

-12V 0.8A maximum continuous current

Environment

Ambient Temperature

Operating: +10°C to +35°C;

Non-operating: -40°C to +70°C

Relative Humidity

Non-operating: 95% @ +30°C non-condensing

Acoustics

Sound Power (LwAd in BA): 6.0 active, 5.5 idle

Electrostatic Discharge

15kV per Intel test specification

Safety and EMC Regulatory Compliance (Class A)

(EMC regulatory compliance is based on integration with a validated Intel® Entry Server Board and configuration as outlined in the Intel® Entry Server Chassis SC5295UP subassembly guide.)

Region	Certification Safety and/or EMC	Regulatory Mark Safety and/or EMC
Australia / New Zealand	ACA, MED	C-Tick
Canada	UL / Industry Canada	cURus / ICES
China	CNCA	CCC
Europe	European Directives	CE
Germany	GS	NEMKO GS
International	CB Report/CISPR	Not applicable
Japan	VCCI	Not applicable
Korea	RRL	MIC
Taiwan	BSMI RPC	BSMI
United States	UL / FCC	cULus / FCC



CANADA ICES-003 CLASS A

To build your system and get more details on server configurations from Intel visit:

www.intel.com/go/serverconfigurator

For more details on the Intel® Entry Server Chassis SC5295UP please see:

support.intel.com/support/motherboards/server/chassis/sc5295-e

For more information on how to make the Intel® Entry Server Chassis SC5295UP part of your server environment, please contact an Intel® Channel Partner Program participant.

¹ North American power cord included in order codes ending in NA, power cord not included in all other order codes.

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