

SCB-7973 NEW

1U Rack-Mount Intel® Core™2 Quad Network System, 6 x GbE, SATA, CF, LCM, LAN bypass



Features

- Support Intel® Core™ 2 Quad processor
- Support 1333MHz FSB and Max 4GB Dual-Channel DDRII 800MHz system memory
- Max 6 GbE Copper ports via PCI-E x1
- Cryptographic hardware acceleration for option

Introduction

SCB-7973, a 1U appliance designed for a broad range of network service applications. This cost-effective scalable network appliance is powered by the Intel® Core™ 2 Quad processor for the SMB and Enterprise market.

The SCB-7973 integrates Intel® Core™ 2 Quad processor with 1333MHz Front Side Bus and is built with Intel® Embedded IA components with warranty of longevity. A high bandwidth dual channel DDRII DIMM socket supports 800/667 memory up to 4GB. Available with six Gigabit Ethernet ports through PCI-E x1 interface and optional four ports bypass function.

The SCB-7973 delivers high throughput, for a broad range of network service applications, including gateway security, UTM, network management, load balancing, WAN optimized acceleration and VOIP gateway.



High Efficiency power



Economic Core 2 Quad system



6 GbE ports, 4 ports bypass (option)



Cavium CN1605/1610

Processor System

CPU	Intel® Core™2 Quad* , Core™2 Duo, Pentium dual-core, Celeron® D processors in LGA775 socket * Intel® Core™2 Quad processor including four processing cores with up to 12MB of shared L2 cache and 1333 MHz Front Side Bus
Chipset	Inte® Q35, ICH9D0
Front Side Bus	1333/1066/800 MHz
BIOS	AMI® 1MB Flash BIOS

Memory

Technology	Dual-Channel DDRII 800/667 MHz memory
Capacity	Up to 4GB with 2 DIMM sockets

Ethernet

GbE Ethernet	six GbE w/ 4 ports bypass function, Intel® 82574L
Fast Ethernet	None

Storage

SATA	one fixed 3.5" SATA HDD bay
CompactFlash Socket	one CompactFlash™ type II

I/O

USB	two USB 2.0
Serial	One RJ45 Console port (COM 1) One 5 x 2 pin-header (COM 2)

Power Supply

Watt	1U ATX universal switch power supply
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Mechanical and Environment

Form Factor	1U rack-mount
LCD Module	one 16x2 LCM (optional)
Keypad	Four buttons keypad (optional)
LED	one Power LED (Green) one HDD LED (Yellow) one Status LED (Green/Yellow via programmable GPIO)
Dimension (W x D x H)	440mm (W) x 320mm (D) x 44mm (H) (17.3"W x 12.6"D x 1.7"H)
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-20 ~ 75°C (-4 ~ 167°F)
Humidity	10 ~ 85% relative humidity, non-operating, non-condensing
Weight	1pc/CTN, 6kgs, 59cm(W) x 43.2cm(D) x 16cm(H)
Certification	CE/FCC

Packing List

- 1 x SCB-7973 unit
- 1 x power cord
- 1 x CD (Manual, Quick installation guide, Utility driver)

Ordering Information

Standard	
SCB-7973A-A	1U Rack-Mount, Support LGA775 Intel® Core™ 2 family, dual-core Pentium® and Celeron® D CPU, 6 RJ45 GbE ports, bypass
SCB-7973B-A	1U Rack-Mount, Support LGA775 Intel® Core™ 2 family, dual-core Pentium® and Celeron® D CPU, 6 RJ45 GbE ports
SCB-7973C-A	1U Rack-Mount, Support LGA775 Intel® Core™ 2 family, dual-core Pentium® and Celeron® D CPU, 6 RJ45 GbE ports, Cavium cn1605

Optional

DK002	Cable development kit:
46L-CO5204-00	Cross over cable, 2M
46L-DB9200-01	Null modem cable, 2M
46L-EC5200-00	Ethernet Cat.5 cable, 2M
46L-IPS200-00	KB/MS cable, 15CM 46L-IUSB2B-00 USB cable, 25CM
46L-IVGA01-00	VGA cable, 20CM 46L-RJDB91-00 RJ45 to DB9 cable, 2M
46L-IUSB2B-00	USB cable, 25CM
46L-RJDB91-00	RJ-45 to DB-9 cable 2M

* Note : All specifications are subject to change without prior notice



Dimensions

