

POWER BOX

1U rack-mount Network Appliance
Platform supporting Core™ 2 Quad
CPU with 10 Ethernet ports



▲ Front view



▲ Rear view

Introduction

The comBOX **POWER BOX** network appliance is a rackmount hardware platform designed for high performance network applications. It supports Intel® Core 2 Quad, Core 2 Duo Processor in LGA775 socket with Intel® G41 chipset with ICH7R and features a 1U form factor. The system supports up to a maximum of 4 GB of DDR3-1333/1066 memory. In addition, it features one internal SSD hard drive for storing event log and a mini card for wireless card installation. The POWER BOX supports 2 x GEN-2.0 LAN bypass function to prevent sudden shutdown.

Specifications

System

CPU	Support All LGA775 CPU
Chipset	Intel®G41 chipset with ICH7R with 1333/1066/800 MHz FSB
Memory	Dual channel DDR3 with two 240-pin DIMM sockets - Supports DDR3 1066 up to 8 GB
HDD Interface	1 x 2.5" SATA HDD (wide temperature support is available upon request)
Network Interface	10 x 10/100/1000Mbps Ethernet (Intel® 82574L)
SSD	1 x CompactFlash™ type II (wide temperature support is available upon request)
USB	2 x USB 2.0 port on front side
Other Features	Up to 2 Gen-2.0 bypass segments available
Power Supply	100W or 200W full-range ATX

Features

- ▶ Cost effective Core™ 2 Quad platform
- ▶ Supports 10 x 10/100/10000 Mbps Ethernet ports, 2 LAN and 8 WAN
- ▶ Supports 2 LAN bypass segments
- ▶ Supports BIOS redirected to COM port
- ▶ Equipped with one SSD hard drive
- ▶ Supports Dual-channel DDR3 1333/1066 up to 8GB with 2 slots
- ▶ Suitable for high performing network applications

Mechanical/ Environmental

Form Factor	1U rackmounted
LED	Power status, data access, Ethernet status (LNK/ACT), Ethernet speed (10/100/1000) and bypass.
Operating Temp.	0° ~ +40°C (32°F ~ 104°F)
Storage Temp.	-20° ~ +70°C (-4°F ~ +158°F)
Humidity	10% ~ 90% RH, non-condensing
Chassis Material	Steel
Dimensions	44mm (1.73") (H) x 438mm (17.25") (W) x 292.1mm (11.5") (D)
Certification	CE/FCC/UL

realize the future
comBOX
MULTI-WAN SERVICES

