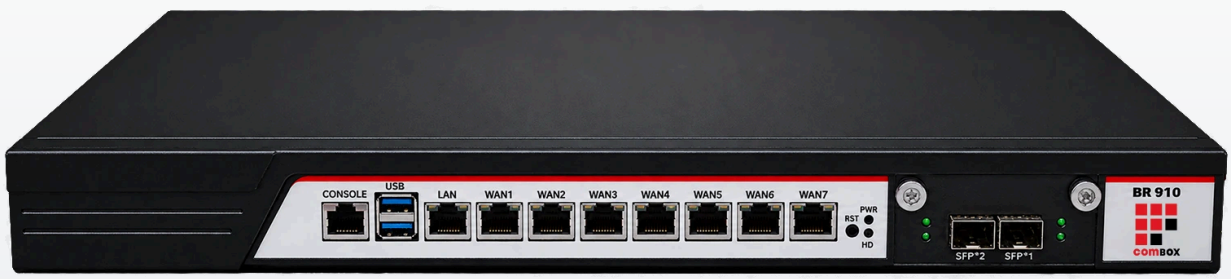
NETWORK APPLIANCE · MULTI-WAN ROUTER

comBOX **BR-910**

Short Description: 1U 19 inch Rackmount comBOX Network Appliance, multi-wan bonding router, Intel Core I7 4770, RS44, AES-NI/8 Intel 2.5G LAN/2 SFP+ 10G/2USB/COM/VGA/Fan



IMAGES · FRONT VIEW

8 + 2	**5Gbps**	**3.4 GHz**	**1U**
Network ports	**Max WAN throughput**	**Intel® i7 4770**	**19" Rackmount**
2.5GbE + 10G SFP+	Up to 9 WAN links	up to 3.9GHz · 8 threads	HA cluster ready

INTRODUCTION

The comBOX BR-910 Multi-WAN Bonding Router is a high-performance, enterprise-grade 1U rackmount network appliance, designed for demanding environments requiring high bandwidth and reliability. It comes with eight (8) physical 2.5Gbps Ethernet interfaces and two (2) additional SFP+ 10G ports, supporting bandwidth aggregation (bonding) of up to 9 WAN links. Total WAN aggregated throughput can reach up to 5Gbps. The system integrates an Intel® Core i7 4770 Processor featuring 4 Cores, 8 Threads and 3.4 GHz base frequency, and supports high-availability clustering.

FEATURES

- High performance Intel® i7 4770 Processor 3.4 GHz (up to 3.9GHz) with 8 MB Intel® Smart Cache and AES-NI
- 8 x Intel® I226-V 2.5Gbps Ethernet ports plus 2 x 10G SFP+ ports (Intel® 82599ES)
- Bonding of up to 9 WAN links, max WAN aggregated throughput 5Gbps
- High-availability cluster with dual appliances
- Supports up to comBOX VLL Platinum+ service bundle

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COMBOX BR-910

System Specifications

GENERAL

Manufacturer	Inctel Technology Co.,Ltd
Hardware	1U 19 inch cabinet, rackable with mounting bracket ears, wall hanging, foot pad
Hardware Platform	PC
Operating System	comBOX OS
U-Rack Size	1

PROCESSOR

Processor Brand	Intel
Processor Type	i7 4770 or equivalent
Processor Speed	3.4 GHz (up to 3.9GHz)
Processor Cores	4 (8 threads)
Chipset	Intel B85 / Z87 / H87
AES-NI	Supported

MEMORY & STORAGE

Memory	2 x SODIMM DDR3/L 1333, 1.5 V, max. 32 GB RAM
Memory Technology	DDR3
Storage	1 x mSATA SSD, 1 x 2.5 inch SATA SSD/HDD

NETWORKING & I/O

Number of Ethernet Ports	8 + 2 SFP+
Ethernet	8 x Intel I226-V 2.5GbE
SFP+	2 x 10GbE, Intel 82599ES
WAN-LAN Throughput	2.5Gbps via 2.5G NIC; around 5Gbps or more via 10G SFP+
I/O Interface	Console, 2 x USB 3.0, 8 x LAN, 2 x SFP+, VGA, RST
Expansion	1 x Mini PCIe (WiFi), 1 x Mini PCIe (4G) with SIM slot

POWER & PHYSICAL

Power	250 W, 100-240 V, 50/60 Hz
Cooling	Silent ball-bearing CPU fan
Batteries Included	No
Size	450 x 270 x 45 mm
Weight	5.5 kg
Packing list	network appliance, rackable ears, power cord, warranty card

IMAGES

Rear view — comBOX BR-910



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