

Cloud Builder 40G Switch

SNH4432 & SNH4454

OVERVIEW

SNH4432 and SNH4454 are datacenter-class switches, 40GE/10GE Bare Metal switches product. Meeting the needs for large capacity, high performance, and high reliability. Based on the premise to provide high-density 40GE/10GE switch ports. SNH family simplify datacenter network infrastructure through innovative architecture, by supporting automation/orchestration and extensive datacenter-ready features. Our product positioning targets the next-generation, high-density 40G/10G TOR datacenter switch market. Equipped with numerous energy-efficient and environment friendly features, our switches not only comply with environment policies, but lower users' operation costs as well as the operation in real world including an ONIE which can load other network OS developed by 3rd parties.



SNH4432

Service Ports

32 40G QSFP+
 1 1G Ethernet management port
 1 RJ45 Console
 1 USB2.0

SNH4454

48 1/10G SFP+
 6 40G QSFP+
 1 1G Ethernet management port
 1 RJ45 Console
 1 USB2.0

Switch Capacity	2.56 Tbps	1.44 Tbps
Switching IC	Broadcom BCM56850	Broadcom BCM56854
RAM	DDR3 4GB SODIMM with ECC	DDR3 4GB SODIMM with ECC
CPU	P2020 1.2GHz 2-Core	P2020 1.2GHz 2-Core
Packet Throughput	1.43Gpps	1.07Gpps
Weight	8.4kg	8.4kg
MTBF	187444 (HR)	179922 (HR)
Airflow & FAN	Front-to-Back or Back-to-Front, 3+1 redundant FAN FRU	
Input Voltage	100V ~ 240V AC, 50Hz ~ 60Hz	
Operation Temperature	0°C ~ 45°C	
Operation Humidity	5% ~ 95% non-condensing	
MAC Table	288k	