



LAND



SEA



AIR

HPES-20P

20 Ports 10G Ethernet switch



- MIL-STD-810 Thermal, Shock, Vibration
- 2x 100G QSFP28 ports
- 16x 25G SFP28 ports
- Marvell Prestera Aldrin2 switch-chip
- Redundant AC 100~240V
- Support VLAN (802.1Q, 802.1ad)
- Support L3 hardware offloaded routing
- RouterOS v7 support



System

CPU	QCA9531 650 MHz
CPU architecture	MIPSBE
CPU core count	1
Memory Type	DDR2 64MB
Storage	16MB Flash
100M Ethernet ports	1x
25G SFP28 ports	16x
100G QSFP28 ports	2x
USB port	1x (type-A)
Number of AC input	2x
AC input range	100V~ 240V AC
Operating system	Only v7 RouterOS
Dimension	443 x 400 x 44 mm
Operating temperature	-40°C to 70°C
Storage temperature	-40°C to 80°C
Relative Humidity	5% to 95%, non-condensing.

Environmental

MIL-STD-810	Method 514.7 (Vibration) Method 516.7 (Shock)
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