

EdgeRouter 12 (Model: ER-12)	
Dimensions	268.1 x 136.5 x 31.1 mm (10.55 x 5.37 x 1.22")
Weight	700 g (1.54 lb)
Max. Power Consumption	20W (Excludes PoE Output)
Power Method	External AC/DC Power Adapter, 24W (24V, 1A) (Included) 24V Passive PoE
Power Supply	External AC/DC Adapter
Supported Voltage Range	
DC	9 - 30VDC
24V Passive PoE	20 - 30V
Button	Reset
LEDs	
Data Ports	Speed/Link/Activity, PoE (Port 9 Only)
SFP Data Port	Link/Activity
Networking Interfaces	
Management	(1) RJ45 Serial Port
Networking	(10) Ethernet Ports (Default Port 0) (10) 10/100/1000 RJ45 Ports (2) 1 Gbps SFP Ports
Layer 3 Forwarding Performance	
Packet Size: 64 Bytes	3,400,000 pps
Packet Size: 1518 Bytes or Larger	6.8 Gbps (Line Rate)
Processor	4-Core 1 GHz, MIPS64
System Memory	1 GB DDR3 RAM
On-Board Flash Storage	4 GB eMMC, 8 MB SPI NOR
Mounting	Wall, Rack*
Operating Temperature	-10 to 50° C (14 to 122° F)
Operating Humidity	10 - 90% Noncondensing
Certifications	CE, FCC, IC

* With optional Rack Mount Kit, model ER-RMKIT

PoE	
PoE Interfaces	
PoE In	(1) 24V Passive PoE Port, 2-pair (4, 5+; 7, 8-)
PoE Out	(1) 24V Passive PoE Port, 2-pair (4, 5+; 7, 8-)
Passive PoE Max. Wattage Per Port	20W (24V, 0.83A)
Passive PoE Output	DC/PoE Passthrough

