

Quick Spec

Cisco ASR 1002 BRAS / BNG



S. No	Product Name	Units	Description
01	ASR 1002	1	Chassis
02	ESP 10	1	Service Processor
03	SIP 10	1	Line Card
04	RP 1	1	Routing Processor
05	1Gig sfp	4	4 Port 1Gig sfp (on-board)
06	SPA 1X 10G	2	2 Port 10G Interface
07	PPPOE Sessions	Up to 6,000 sessions (Suggested 4,000)	
08	CG-Nat License will be provided by Network Elabs (One Time License)		

BRAS Functions

- Broadband PPPoE Con-Current Users Between 4000 to 6000
- 2 * 10Gig Ports, 4 * 1Gig Ports
- CGN RTU Feature License for up to 2M Sessions
- 10Gig Bandwidth Capacity
- 3 Months Warranty And 3 Months Support
- Dual Stack: Yes
- Dual power supply: Yes
- 2 * 10Gig XFP Modules Provided by Network Elabs: Yes
- Supports up to 4 million IPv4 routes
- Supports up to 4 million IPv6 routes

Hardware Details

- Manufacturer Name : Cisco ASR 1002
- Product Type : Aggregation Service Router
- Shared port adapters : 3 SPA slots
- Route Processor : Integrated in chassis, Cisco ASR 1000 Series RP1 (ASR1000-RP1)
- Number of SIPs or Ethernet Line Cards supported : 3
- Built-in Gigabit Ethernet ports : Yes: 4 Gigabit Ethernet SFP ports
- ESP support (Embedded Services Processor) : Cisco ASR 1000 Series 10-Gbps
- ESP bandwidth : 10 Gbps
- ESP memory : Cisco ASR 1000 Series 10-Gbps ESP (ASR1000- ESP10): 2-GB DRAM default; 2-GB DRAM maximum
- Route processor memory : Cisco ASR 1002: Comes with 4-GB DRAM (default and maximum)
- Power input : Worldwide ranging AC (85 to 264V; 120 or 240V; 60 or 50 Hz nominal)
Worldwide ranging DC (-40.5 to -72: -48V nominal)
- Power consumption : Maximum (AC): 560W • Maximum (out): 470W
- Operating temperature (nominal) : 41 to 104°F (5 to 40°C)

Why Network Elabs ?

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✓ **Return Material Authorization (RMA) Process**

Standard Hardware Warranty Policy: Any new sealed product: As per OEM, Any Used product: 3 Months

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Please Note: BRAS Configuration & Integration will be provided by **Network Elabs**

- **Get more information :** <https://cdn.cnetcontent.com/fe/d3/fed3e38e-f125-420a-9fca-85dc4c2bc94a.pdf>

Network Elabs

2nd floor, 1-10-74/5/1, Chikoti Gardens, Begumpet, Hyderabad, Telangana 500016 Mail: sales@csstechnologies.in website: csstechnologies.in: call: 91 99596 40884