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GLORY

NetEngine AR6000-G Series Enterprise Router

Datasheet



Product Appearance	Description
 <p data-bbox="357 506 592 533">NetEngine AR6121E-G</p>	<ul data-bbox="743 376 1495 555" style="list-style-type: none"> · Fixed WAN Interface: 2*GE Combo, 1*10GE optical (compatible with GE optical) · Fixed LAN Interface: 1*GE Combo, 8*GE electrical (can be switched to WAN port) · Overall Dimensions (H × W × D) : 43.6mm × 442mm × 220mm
 <p data-bbox="323 857 639 884">NetEngine AR6140E-9G-2AC-G</p>	<ul data-bbox="743 669 1495 813" style="list-style-type: none"> · Fixed WAN Interface: 2*GE electrical, 2*GE optical · Fixed LAN Interface: 2*GE optical, 3*GE electrical (can be switched to WAN port) · Overall Dimensions (H × W × D) : 44.5mm × 442mm × 420mm
 <p data-bbox="371 1205 592 1232">NetEngine AR6280-G</p>	<ul data-bbox="743 1016 1495 1122" style="list-style-type: none"> · Fixed WAN ports: 14*10GE optical (switchable to GE optical), 10*GE electrical (all WAN port can be switched to LAN) · Overall Dimensions (H × W × D) : 88.1mm × 442 mm × 470 mm
 <p data-bbox="371 1556 592 1583">NetEngine AR6300-G</p>	<ul data-bbox="743 1364 1495 1469" style="list-style-type: none"> · Fixed WAN ports: 14*10GE optical (switchable to GE optical), 10*GE electrical (all WAN port can be switched to LAN) · Overall Dimensions (H × W × D) : 130.5 mm × 442 mm × 470 mm

■ Product Overview

The NetEngine AR6000-G series router is a new generation router, it is based on non-blocking switching architecture, to provide industry-leading performance twice the average, while integrating SD-WAN, 5G, routing, switching, VPN, security, MPLS and other functions, It meets the demand for high performance of network equipment under the trend of enterprise service diversification and cloud.

■ Technical Specification

Specification	NetEngine AR6121E-G	NetEngine AR6140E-9G-2AC-G	NetEngine AR6280-G	NetEngine AR6300-G
System Parameters				
Forwarding Performance	9Mpps-40Mpps		60Mpps-220Mpps	60Mpps-280Mpps
Machine Exchange Capacity	20Gbps-80Gbps		320Gbps	640Gbps
SD-WAN Performance (IMIX)*	1.2Gbps	1.2Gbps	SRU-400H: 4Gbps SRU-600H: 6Gbps	
Fixed WAN Interface	2*GE Combo, 1*10GE optical (compatible with GE optical)	2*GE electrical, 2*GE light	SRU-400H/SRU-600H: 14×10GE optical (can be switched to GE optical), 10×GE electrical (all WAN ports can be switched to LAN)	
Fixed LAN Interface	1*GE Combo, 8*GE electrical (can be switched to WAN port)	2*GE optical, 3*GE electrical (switchable to WAN port)	-	-
SIC Slot	2	4	4	4
WSIC Slot (Default/Max***)	0/1	0/2	Feb. 6	February 8
XSIC Slot (default/Max ***)	-	-	Feb. 4	April 6
Serial Auxiliary/Console Port	1*RJ45 Console serial port			
USB Port	2*USB	1*USB	1*USB	1*USB
Memory	NetEngine AR6121-G: 2GB	NetEngine AR6140-9G-2AC-G: 2GB	SRU-400H: 8 GB	
	NetEngine AR6121E-G: 4GB	NetEngine AR6140E-9G-2AC-G: 4 GB	SRU-600H: 16 GB	
Flash	1 GB	1 GB	SRU-400H: 2 GB	
			SRU-600H: 4 GB	
Hot Swappable	Support	Support	support	Support
Size and Weight				
No External Dimensions (H × W × D)	43.6mm × 442mm × 220mm	44.5mm × 442 mm × 420 mm	88.1 mm × 442 mm × 470 mm	130.5 mm × 442 mm × 470 mm
With External Dimensions (H × W × D)	43.6mm × 482.6mm × 220mm	44.5mm × 482.6mm × 572.5mm	88.1mm × 482.6 mm × 470 mm	130.5 mm × 482.6 mm × 470 mm
Shipping Box Size (H × W × D)	125mm × 373mm × 510mm	175mm × 550mm × 710mm	160mm × 570mm × 725mm	201mm × 573mm × 640mm
Weight (empty)	3.2kg	7.6kg	8.85kg	11.00kg
Mountable Rack	IEC	IEC	IEC	IEC
Occupied Rack Height	1U	1U	2U	3U
Power Specifications, Power Consumption and Heat Dissipation				
Rated Input Voltage (AC)	100V to 240V	100V to 240V	100V to 240V	100V to 240V
Rated Input Frequency (AC)	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Maximum Input Voltage Range (AC)	90V to 264V	90V to 264V	90V to 264V	90V to 264V
Maximum Input Current (AC)	2A	2A	5A	5A
Maximum Output Power (AC)	60W	AR6140E-9G-2AC-G:70W AR6140-9G-2AC-G:60W/70W	350W	350W
Rated Input Voltage (DC)	-	-	-48VDC to -60VDC	-48VDC to -60VDC
Maximum Input Voltage Range (DC)	-	-	-38.4VDC to -72VDC	--38.4VDC to --72VDC



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