

ARRIS DG3260

DOCSIS 3.0 WIRELESS GATEWAY

FEATURES

- 32x8 Channel Bonding
- > 1 Gbps Downstream Throughput
- Full Capture Bandwidth Tuner with Spectrum Analyzer
- DOCSIS® 3.0 compliant design
- Multi Processor Technology with a 1.2GHz Intel Atom Core Application Processor
- Internal 32 bit Data architecture for maximum speeds
- 4 port Gigabit Ethernet Wireless Router
- 3x3 Integrated Dual Band Concurrent 2.4GHz 802.11n and 5GHz 802.11ac High Power Radios
- USB 2.0 Host Port
- Internal Power Supply for Highest Reliability



PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature	0 to 40
Operating Relative Humidity	5-85% (Non condensing)
Storage Temperature	-40 to 70
Dimensions (H x W x D)	9.25 x 7.5 x 2.25 (excludes "F" connector)
Weight	1.4 lbs.
Diagnostic LED's (Front)	Power, US/DS, Online, 2.4GHz, 5GHz, WPS
Diagnostic LED's (Rear)	Ethernet Link/Speed

INTERFACES

RF Interface	External 'F' type connector
Data Interfaces (bridged)	4 x 10/100/1000 Base-T Ethernet (RJ-45 connector)
USB Interface	USB 2.0 Powered Host Port
Input Voltage (nominal)	115/220VAC, 50/60 Hz



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PRODUCT SPECIFICATIONS

RF DOWNSTREAM

Bonded Channels	Up to 32
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	108-1002 DOCSIS
Data Rate (Mbps Max.)	Up to 1280
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF UPSTREAM

Bonded Channels	Up to 8
Frequency Range (MHz)	5 to 42 or 85 depending on model
Data Rate (Mbps Max.)	Up to 240
RF Output Level (dBmV)	+57 dBmV (64 QAM, single upstream) +54 dBmV (64QAM, 4-8 upstreams) +58 dBmV (16 QAM, single upstream) +56 dBmV (SCDMA, single upstream)

WIRELESS

Frequency Range	2.5 GHz and 5 GHz
Transmit Power (from any antenna)	
2.4 GHz	+32dBm (MCS0), +30dBm (MCS7)
5 GHz	+32dBm (MCS0), +30dBm (MCS9)
Spatial Streams	3
Receive Levels	
2.4 GHz	<-90dBm 802.11n (MCS0), <-69dBm 802.11n (MCS7), HT20
5 GHz	<-90dBm 802.11ac (MCS0), <-60dBm 802.11ac (MCS9), VHT80
Antennas (per band)	3 combined transmit and receive