



# ARRIS DCX3635

DUAL PLAY GATEWAY

## FEATURES

- 500 GB or 1 TB internal hard drive
- Available with the award-winning ARRIS Moxi User Interface experience
- Full Band Capture (1 GHz) 16 QAM front end
  - Standard Configuration: 6 Digital Video Tuners with DOCSIS 3.0 (8x4)
  - DOCSIS 3.0 Channel Bonding (16x4) capable with all IP configuration
- Video Decode up to 1080p60 AVC
- 2 x 1080p30 or 4 x 720p30 simultaneous transcode sessions
- Audio decode of Dolby® Digital, Dolby® Digital Plus
- MoCA® 2.0 Home Networking Interface
- Integrated Wireless Cable Modem and Router
- DOCSIS 3.0 Channel Bonding (8x4)
- 802.11ac 3x3 dual band concurrent wireless interface
- 512MB (4 Gbit) Flash, 1.5GB DRAM



## PRODUCT SPECIFICATIONS

### STANDARD INTERFACES

#### Front Panel

Power, Home LAN, Record, Wi-Fi and High Speed Data LEDs

RF4CE wireless interface

IR remote control sensors

F-connector for Cable input

HDMI™ 1.4 output

Baseband composite video output

L/R audio output with volume control

Optical S/PDIF digital audio output

USB 2.0 Host Type A port

(2) 10/100/1000 Ethernet interface

eSATA interface

Mini-phone 3.5mm serial port and External IR input

Cable Modem Reset and WPS Buttons

#### Rear Panel



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## PRODUCT SPECIFICATIONS

### GENERAL SPECIFICATIONS

<b>RF Input Frequency</b>	54 MHz to 1002 MHz (audio/video)
<b>Tuning</b>	1GHz Full-Band Front End 16x 64-1024 QAM Demodulators DOCSIS 3.0 channel bonding
<b>Memory</b>	512MB Flash, 1.5GB DRAM
<b>Video</b>	Triple video decode (one local, two transcode) up to 1080p60 , MPEG-2, MPEG-4 AVC,SVC, MVC
<b>Composite Video Output Formats</b>	NTSC, PAL-M, and PAL-Nc
<b>HDMI Video Output Formats</b>	480i/p, 576i/p, 720p, 1080i, and 1080p24/30/60
<b>Audio</b>	Dolby Digital, Dolby Digital Plus, Dolby Dialogue Clarity
<b>Transcode</b>	Quad transcode up to 720p30 each, or dual transcode up to 1080p30
<b>Graphics</b>	1.2 Gp/s OpenGL 2.0, scalable video-in-graphics
<b>Wi-Fi</b>	802.11n, 2.4GHz, 3x3 MIMO, 20/40 MHz channels 802.11ac, 5GHz, 3x3 MIMO, 20/40/80 MHz channels
<b>Hard Disk Drive</b>	500GB standard, 1 TB option
<b>Out-of-Band Modulation</b>	Frequency agile receiver 70 MHz to 130 MHz
<b>Power Supply</b>	100 VAC to 240 VAC, 50/60 Hz input; 12 VDC output
<b>Power Dissipation</b>	46 W AC (depending on features)
<b>Dimensions</b>	324mm Wide x 228mm Deep x 63mm High
<b>Weight</b>	2.02 kg
<b>Operating Temperature</b>	15 °C to 42 °C (50 °F to 108 °F)
<b>Operating Humidity</b>	5% to 90% (non-condensing)