NE-JWR2100

J5create JWR2100 wireless AC1750 Dual Band Gigabit Router with FHD video outputs

Product Overview

J5create JWR2100 wireless AC1750 Dual Band Gigabit Router with FHD video outputs (HDMi + VGA) - for multi-person conference applications up to 9 simultaneous users/displays, 2.4/5Ghz dual band, (802.11b/g/N/ AC) 1750Mbps (1300+450) wireless router with 4 port gigabit switch + 1x usb 2.0, 4x 5dBi external antennas



Specifications

Overview:

For multi-person conference applications, the Wireless ScreenWave Router supports up to 9 simultaneous displays. The 9 input sources can be connected at any time for content display. It covers the entire array of platforms, whether it is PC, Mac, iOS, or Android, all can achieve seamless access, at any time. JWR2100 is also an AC router with wireless 5G/2.4G and wired Gigabit Ethernet connections, so it allows you to access the Internet while using wireless display connections.

Features:

Wireless Display Functions

- Supports wireless display
- Split screen shares 9 connected laptop or mobile devices on one presentation screen
- HDMI/VGA interfaces
- USB connect kit for PC/Mac
- Free App for Android and iOS mobile devices
- One button to start or switch to full screen without driver installation
- Perfect for the office & classroom

AC Router Functions

- Wireless-AC dual-band technology
- Speed/PHY Rate AC2100 (AC 4 x 4 + N 2 x 2)
- MU-MIMO supports beamforming
- Detachable antenna x4 (5 dBi)
- Backward compatible with 802.11a/b/g networks
- 10/100/1000 Base-T Gigabit Ethernet port x1 and 10/100/1000 Base-T Gigabit switch ports x4

- USB 2.0 port for Samba and FTP file server and printer supported
- Guest network access
- PPTP VPN server
- QoS function
- Parental controls
- DoS protection and Firewall
- WEP,WPA2-PSK, WPA-PSK,WPA-Enterprise and WPA2-Enterprise encryption
- Smart utility allows for easy use with iPad® , tablets, smartphones, and computers

System Requirements:

- Microsoft Windows 10, 8.1, 8, 7 (32-bit or 64-bit)
- CPU: Intel Core i3 Dual Core 2.8 GHz
- RAM: 2 GB memory or higher
- Mac OS 10.6 or later
- Android 5.0 or later
- iOS X 8.0 or later

Specifications:

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Specifications	
Product Code	NE-JWR2100
Hardware	
I/O Ports	HDMI
	VGA
	3.5 mm Audio Jack
	WAN x 1 (RJ-45)
	LAN x 4 (RJ-45)
	DC 12V in
	USB 2.0
Wireless Specs	
Network Standard	IEEE 802.11 a/b/g/n/an/ac
MIMO	IEEE 802.11ac 4x4
	IEEE 802.11n 2x2
Mu-MIMO	Yes

Encryption	WEP
	WPA2-PSK
	WPA-PSK
	WPA-Enterprise
	WPA2-Enterprise
	WPS
Data Rate	802.11a: 54 Mbps
	802.11b: 11 Mbps
	802.11g: 54 Mbps
	802.11n: 300 Mbps
	802.11ac: 1732 Mbps
Antenna	External antenna x 4 (5 dbi)
Frequency	2.4 GHz/5 GHz
Distance of connection	30m (100 ft) Maximum
Wired Specs	
Network Standard	IEEE 802.3/3u/3 ab
Ports	WAN x 1(AUTO-MDIX)
	LAN x 4
USB Specs	
Type	Type-A
Port	USB 2.0 x 1
Remote Display	
Output Resolution	HDMI 1920 x 1080
	VGA 1920 x 1080
Input Resolution	1920 x 1200
Numbers of Input source	9
Numbers of screen display	9
Noise level	28 dB
Audio	Speaker supported
	(Windows, Android)
Frame rate	Android: 20 - 30 FPS
	Windows: 30 - 35 FPS
	Mac: Will differ based on CPU/GPU performance
Frame rate	Android: 20 - 30 FPS
	Windows: 30 - 35 FPS
	Mac: Will differ based on CPU/GPU performance

Throughput	Wireless 5G: 304 Mbps
	(1 x 1)
	Wireless 2.4G: 130 Mbps
	(1 x 1)
	Wired: 730
Power Consumption	Shutdown: 5W
	Operation (typical): 15W
	Maximum: 24W
Power Supply	
AC Input	110V - 240V (50 - 60 Hz)
DC Output	12V / 2A
LED Indicator	Wi-Fi x 2 (2.4G/5G)
	WAN x 1
	LAN x 1
	WPS x 1
	USB 2.0 x 1
	VIDEO x 1
	POWER
	On: Blue
	Flash: Error
Functions	
Management	Authority Management
	Internal Management
	Remote Management
QoS	WMM (Wi-Fi Multimedia (WMM), is a Wi-Fi Alliance interoperability certification) User can define IP / MAC / connected port rule Upload and download bandwidth management, ACK/SYN/FIN/RST/ICMP is Highest priority.
Wireless Network Specs	Wireless On/Off, MU-MIMO
Guest Network	2.4 GHz Guest Network x 1
	5 GHz Guest Network x 1
Intelligent Antenna	Beamforming
VPN	PPTP server
	PPTP client
	L2TP client

Firewall	Firewall
	SPI intrusion detection
	DoS protection
	Access Control
	Parental control
	Network service filter
	URL filter
	Port filter
Temperature and Humidity	
Operation	+0 degreesC to +40 degreesC
	(+32 degreesF to +104 degreesF)
	0 to 90% relative humidity non-condensing
Storage	-20 degreesC to +60 degreesC
	(-4 degreesF to +140 degreesF)
	0 to 90% relative humidity non-condensing
Other	
Multi-media Server	Image: JPEG
	Audio: mp3, wma, wav, pcm, mp4, lpcm, ogg
	Video: asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov
Printer Server	Multifunctional printer support (Windows only)
	LPR protocol support
File Server	Samba and FTP server

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/NE-JWR2100-J5create-JWR2100-wireless-AC1750-Dual-Band-Gigabit-Router-with-FHD-video-p-186849.php

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