

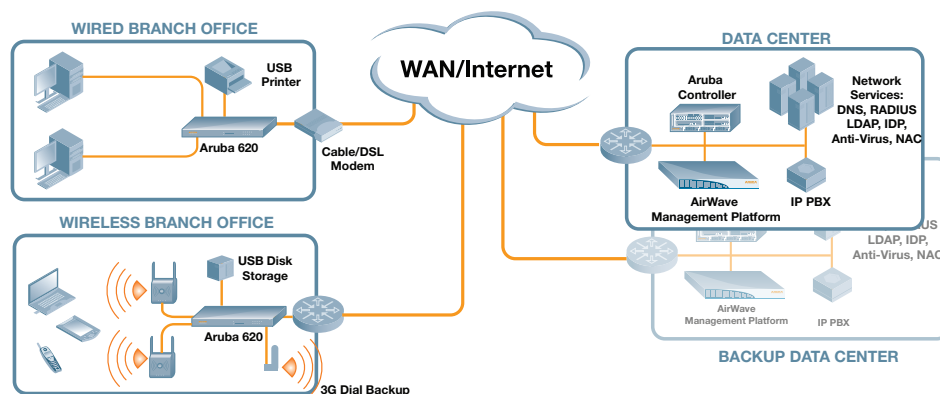


## ARUBA 620 BRANCH OFFICE CONTROLLER

The Aruba 620 Branch Office Controller is a compact, cost-effective all-in-one networking solution. The 620 includes a firewall, wireless LAN controller, nine-port Ethernet switch with PoE+, IP router, site-to-site VPN edge device, file server and print server in an attractive desktop-mount enclosure. Aruba's centralized, zero-touch configuration and management model enables the 620 branch office controller to be deployed, monitored and controlled without any local IT staff. Additional deployment options include remote management or local configuration via a web interface.



The 620 branch office controller uses central controllers in the data center to manage complex and processing-intensive management and security functions. Edge services are virtualized and implemented in cost-effective edge devices like the 620 branch office controller, which move user traffic to data center controllers through secure IP tunnels over a public or private transport network. The 620 branch office controller provides local wireless services when used in conjunction with any Aruba access point (AP), or it can operate as a wired-only device. The 620 branch office controller also includes print server and network-attached storage capabilities to enable local network printing and mass storage.



Running the ArubaOS operating system, the 620 branch office controller comes standard with advanced authentication, encryption, wireless radio management and L2/L3 networking features. Optional ArubaOS software modules deliver additional functionality including RFProtect Wireless Intrusion Protection and Spectrum Analyzer, Policy Enforcement Firewall (PEF), and the FIPS-compliant xSec Layer 2 protocol, which provides a unified framework to secure all wired and wireless connections using strong encryption and authentication.

### CONTROLLER PERFORMANCE AND CAPACITY

LAN-connected Access Points (Maximum)	8
Remote Access Points (Maximum)	32
Users (Maximum)	256
MAC addresses	2,048
VLAN IP interfaces	128
Active firewall sessions	8,192
Concurrent IPsec tunnels	128
Firewall throughput	800 Mbps
Encrypted throughput (3DES)	400 Mbps
Encrypted throughput (AES-CCM)	320 Mbps

### INTERFACES

Console (RS-232) RJ-45	1
Fast Ethernet (10/100BASE-T)	4
Fast Ethernet (10/100BASE-T) with PoE+	4
Gigabit Ethernet (1000BASE-T)	1
ExpressCard®	1
USB 2.0	1

### WARRANTY

Hardware	1 year parts/labor*
Software	90 days*
* Extended with support contract	

# ARUBA 620 BRANCH OFFICE CONTROLLER

## USB DEVICE SUPPORT

Maximum concurrent printers	2
Maximum concurrent HSDPA/GPRS/EDGE/EVDO Modems	2
Maximum concurrent storage media (Hard disk/Flash)	4
Maximum concurrent devices (all types)	4

## NETWORK PRINTING

Printing mode	Raw
Printer driver download to clients	No
Client compatibility	MS Windows, MacOS, Unix

## NETWORK ATTACHED STORAGE

File protocol	CIFS/SMB
Share-level security	No
User-level security	No
Per-role firewall restriction of share access	Yes
Client compatibility	MS Windows, MacOS, Unix
USB 1.0 devices	Yes
USB 2.0 flash storage	Yes
USB 2.0 disk storage	Yes
Maximum storage size	1TB
Ext2/Ext3 Filesystem	Yes
FAT16 Filesystem	Yes
FAT32 Filesystem	Yes
NTFS Filesystem	No

## POWER SPECIFICATIONS

AC Input Voltage	100-240 V, Universal Input
AC Input Frequency	50-60 Hz
Maximum power consumption	115 Watts
Power over Ethernet total capacity	78 Watts
Power over Ethernet capacity per port	19.5 Watts

## OPERATING SPECIFICATIONS AND DIMENSIONS

Operating temperature range	0° C to 40° C (32° to 104° F)
Storage temperature range	0° C to 50° C (32° to 122° F)
Humidity, non-condensing	5% to 95%
Height	1.75" (45 mm)
Width	12.6" (320 mm)
Depth	6.8" (173 mm)
Weight	2.7 lbs/1.23 kgs (unboxed)

## COMPATIBLE USB MODEMS

The following is a partial list of tested and fully supported USB modems. Some modems not on this list may be fully supported with factory-default configuration, while others may require controller configuration in order to function. An updated list can be found at [http://www.arubanetworks.com/usb\\_devices](http://www.arubanetworks.com/usb_devices).

- Novatel U727
- Kyocera KPC680
- Compass 597
- USBConnect Quicksilver
- USBConnect Mercury

## COMPATIBLE USB PRINTERS

The following is a partial list of tested and fully supported USB printers. Some printers (such as the HP LaserJet 1000 series) require a firmware upload each time they are powered on. These printers are currently not supported. An updated list can be found at [http://www.arubanetworks.com/usb\\_devices](http://www.arubanetworks.com/usb_devices).

- HP Deskjet 6988 Printer
- HP LaserJet M1522nf MFP
- HP Officejet Pro L7590 All-in-One Printer, Fax, Scanner, Copier
- HP LaserJet P3005
- HP Color LaserJet CP3505
- Lexmark X7675 Professional
- Lexmark T640
- Lexmark C534dn

## COMPATIBLE USB STORAGE

The following is a partial list of tested and fully supported USB storage devices. An updated list can be found at [http://www.arubanetworks.com/usb\\_devices](http://www.arubanetworks.com/usb_devices).

- Seagate FreeAgent Pro hard drive
- Maxtor OneTouch 4 Plus hard drive
- My Passport Essential WDME3200 hard drive
- Iomega eGo Desktop hard drive
- Iomega Desktop Hard Drive hard drive
- Kingston DataTraveler 100 USB flash drive (2/4/8G)
- SanDisk Cruzer Micro USB flash drive (2/8G)

## REGULATORY AND SAFETY COMPLIANCE

FCC Part 15 Class B  
EN 55022 Class B  
EN 55024  
IEC/EN 60950  
CE Marking  
cTUVus Marked  
CB Scheme Certified

For a complete list of Country Specific Regulations please speak with your Aruba Representative

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
620	Aruba 620 Branch Office Controller, 0 AP Support, Unrestricted Regulatory Domain
620-US	Aruba 620 Branch Office Controller, 0 AP Support, Restricted Regulatory Domain - US
620-IL	Aruba 620 Branch Office Controller, 0 AP Support, Restricted Regulatory Domain - IL
620-4	Aruba 620 Branch Office Controller, 4 AP Support, Unrestricted Regulatory Domain
620-4-US	Aruba 620 Branch Office Controller, 4 AP Support, Restricted Regulatory Domain - US
620-4-IL	Aruba 620 Branch Office Controller, 4 AP Support, Restricted Regulatory Domain - IL



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