

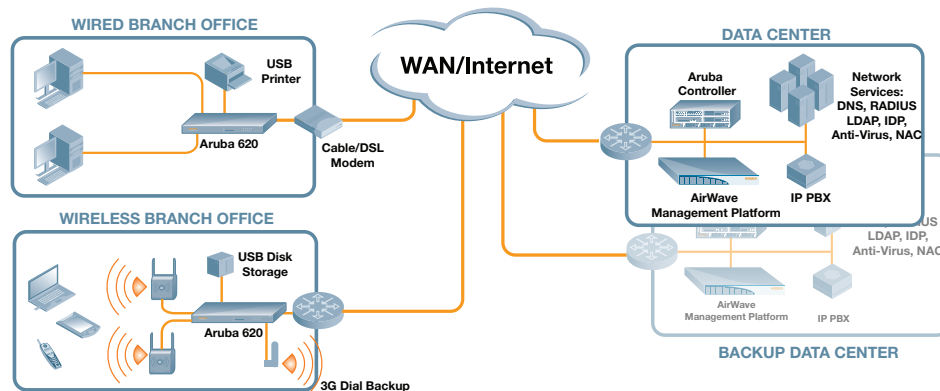


ARUBA 620 BRANCH OFFICE CONTROLLER

The Aruba 620 Branch Office Controller is designed for applications in which a compact, cost-effective “all-in-one” networking solution is required. The 620 includes a firewall, wireless LAN controller, 9-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 configuration and management model enables the 620 to be deployed, monitored, and controlled without any local IT staff. Deployment options include zero-touch remote management or local configuration via a Web interface.



The 620 is an integral component of Aruba’s “virtual enterprise network” architecture, which uses central controllers in the data center to manage complex and processing-intensive management and security functions. Edge services are virtualized and can be implemented in cost-effective edge devices like the 620, which move user traffic to the data center controllers using secure IP tunnels operating over any available public or private transport network. The 620 can provide local wireless services when used in conjunction with any Aruba wireless access point, or it can operate as a wired-only device. The 620 also includes print server and network-attached storage capabilities to enable local network printing and mass storage.



Running the ArubaOS operating system, the Aruba 620 comes standard with advanced authentication, encryption, wireless radio management, and L2/L3 networking features. Optional ArubaOS software modules unlock additional functionality including policy enforcement firewall, VPN server, remote access gateway, and wireless intrusion prevention.

CONTROLLER PERFORMANCE AND CAPACITY

| | |
|---------------------------------------|----------|
| LAN-connected Access Points (Maximum) | 8 |
| Remote Access Points (Maximum) | 32 |
| Users (Maximum) | 128 |
| 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° to 40°C (32° to 104°F) |
| Storage temperature range | 0° 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.

- 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.

- 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.

- 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 |



WWW.ARUBANETWORKS.COM

1344 Crossman Avenue, Sunnyvale, CA 94089 | Tel. +1 408.227.4500 | Fax. +1 408.227.4550