



# Dell PowerConnect W-3000 Controller Series

The Dell™ PowerConnect™ W-3000 Controller Series is a family of three full-featured controllers that addresses a wide range of wireless and wired network mobility, security and remote networking requirements for enterprises of any size.

The PowerConnect W-3200 Controller is designed for the small business and branch offices, while the W-3400 Controller and W-3600 Controller are designed for medium/large enterprise or dense office deployments. The W-3000 Series is easily installed without disrupting the existing wired network.

The W-3000 Series acts as the head-end portion of Dell's wireless LAN architecture, which uses centralized controllers in the data center to manage complex and processing-intensive management and security functions. Edge services are virtualized and implemented in cost-effective PowerConnect W-Series access points (APs) at the network edge, which move user traffic to data center controllers through secure IP tunnels over a public or private transport network.

Powered by W-Series ArubaOS Controller Software, the W-3000 Series comes standard with advanced authentication, encryption, wireless radio management, secure enterprise wireless mesh and Layer 2/Layer 3 networking features. Optional ArubaOS software modules deliver additional functionality, including Policy Enforcement Firewall (PEF) and Wireless Intrusion Prevention (WIP).

Controller clustering and centralized management allow large enterprise networks with multiple controllers to be managed and maintained with minimal staff overhead. A designated master controller can manage multiple local controllers, or for larger networks, the W-Series AirWave Wireless Management Suite (AWMS) provides unprecedented visibility and control for the IT staff.

## Dell PowerConnect W-3000 Controller Series

Scalable, easy to deploy centralized management wireless solutions for the enterprise.

## Specifications

### Controller performance and capacity

Feature	3200	3400	3600
LAN-connected APs (max) <sup>1</sup>	32	64	128
Remote Access Points	128	256	512
Users (max) <sup>2</sup>	2,048	4,096	8,192
MAC addresses	64,000	64,000	64,000
Active firewall sessions	128,000	128,000	128,000
Concurrent IPSec tunnels	2,048	4,096	4,096
Firewall throughput	3 Gbps	4 Gbps	4 Gbps

<sup>1</sup>Capacity determined by AP and WIP software licenses

<sup>2</sup>Capacity determined by PEF software licenses

### Interfaces

Dual-personality ports:

- 4x Gigabit Ethernet (10/100/1000BASE-T or 1000BASE-X SFP)
- Console (RS-232) RJ-45

### Power specifications

W-3200:

- AC input voltage: 90-264 V, Universal Input
- AC input current: 1.5 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 35 watts

W-3400:

- AC input voltage: 90-264 V, Universal Input
- AC input current : 2.2 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 45 watts

W-3600:

- AC input voltage: 90-264 V, Universal Input
- AC input current : 2.2 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 60 watts

### Mechanical

- 44 mm x 351 mm x 297 mm (1.75" x 13.8" x 11.7")
- Weight (W-3200): 3.2 kgs (7.1 lbs)
- Weight (W-3400/W-3600): 3.4 kgs (7.4 lbs)

### Environmental

- Operating:
  - Temp: 0° to 40° C (32° to 104° F)
  - Humidity: 5 to 95% non-condensing
- Storage:
  - Temp: -40° to 70° C (-40° to 158° F)

### Warranty

- Hardware: One year
- Software: One year

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Learn more at [Dell.com/PowerConnect-W-Series](http://Dell.com/PowerConnect-W-Series)

