

# SonicPoint Specs



## SonicPoint Series Specifications

For organizations with a substantial investment in 802.11ac clients, the SonicWall SonicPoint series features dual radios, high-speed 802.11ac performance, 3x3 SU-MIMO and all the security advantages that SonicWall Wireless Network Security solutions offer.

HARDWARE SPECIFICATIONS	SONICPOINT ACe	SONICPOINT ACi	SONICPOINT N2
Location	Indoor	Indoor	Indoor
Dimensions	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm
Weight	0.53 kg / 1.2 lbs	0.48 kg / 1.1 lbs	0.53 kg / 1.2 lbs
WEEE weight	1.2 kg / 2.6 lbs	0.53 kg / 1.2 lbs	0.74 kg / 1.6 lbs
Shipping weight	1.74 kg / 3.8 lbs	0.79 kg / 1.8 lbs	1.1 kg / 2.4 lbs
PoE injector	802.3at		
Power supply	802.3at + AC Adapter (12 v)	802.3at PoE	802.3at PoE
Maximum power consumption (W)	15.2 W	15.6 W	13.7 W
Status indicators	Six (6) LED (WLAN/Link) (LAN/Link) Power, Test		
Antennas	3+3 (SMA 2.4 GHz + TNC 5 GHz)	6 fully internal	3+3 (SMA 2.4 GHz + TNC 5 GHz)
Wired network ports	(2) 10/100/1000 auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE); (1) RJ-45 console; (1) USB 2.0		
Accessories included	Wall/ceiling mount kit		
Virtual access points	Up to 8 per SonicPoint		
Chassis	UL 2043 plenum rated		
STANDARDS AND COMPLIANCE	SONICPOINT ACe	SONICPOINT ACi	SONICPOINT N2
IEEE Standard	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n
Compliance	IEEE 802.11i, IEEE 802.3e, IEEE 802.3i, IEEE 802.3at, WPA/WPA2, TKIP, AES		
Regulatory	FCC/ICES Class B, CE, RCM/ACMA, VCCI Class B, TELEC, BSMI, NCC, MSIP, ANATEL, Customs Union, RoHS (Europe/China), WEEE		
MIMO	SU-MIMO 3x3 (3 streams)		
Max/Recommended connected clients per radio	128/30	128/30	128/30
Certifications	Wi-Fi Alliance, EU RED, Dynamic Frequency Selection (DFS)		
Safety	UL, cUL, TUV/GS, CB, CE, BSMI, Mexico CoC, Customs Union		
ENVIRONMENTAL	SONICPOINT ACe/ACi/N2		
Temperature range	32 to 104°F, 0 to 40°C		
Humidity	10 - 95%, non-condensing		
RADIO SPECIFICATIONS	SONICPOINT ACe	SONICPOINT ACi	SONICPOINT N2
Radios	Dual: 3x3 11n + 3x3 11ac		Dual: 3x3 11n + 3x3 11n
Frequency bands	802.11a: 5.180-5.825 GHz, 802.11b/g: 2.412-2.472 GHz, 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz, **802.11ac: 2.412-2.472 GHz, 5.180-5.825 GHz		
Operating channels	802.11a: US and Canada 12, Europe 11, Japan 4, Singapore 4, Taiwan 4 802.11b/g: US and Canada 1-11, Europe 1-13, Japan 1-14 (14-802.11b only) 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64 **802.11ac: US and Canada 36- 48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64		
Transmit output power	Based on the regulatory domain specified by the system administrator		
Transmit power control	Supported		
Data rates supported	802.11a: 6.9,12,18,24,36,48,54 Mbps per channel, 802.11b: 1,2,5,5,11 Mbps per channel 802.11g: 6.9,12,18,24,36,48,54 Mbps per channel 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel, **802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150, 180, 200, 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3, 65, 130, 195, 260, 390, 520, 585, 650, 780, 866.7 Mbps per channel		
Modulation technology spectrum	802.11a: Orthogonal Frequency Division Multiplexing (OFDM) 802.11b: Direct Sequence Spread Spectrum (DSSS) 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS) 802.11n: Orthogonal Frequency Division Multiplexing (OFDM) **802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)		
HARDWARE SPECIFICATIONS	SONICPOINT ACe	SONICPOINT ACi	SONICPOINT N2
Location	Indoor	Indoor	Indoor
Dimensions	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm	6.9 (D) x 1.5 (H) in 17.5 (D) x 3.8 (H) cm
Weight	0.53 kg / 1.2 lbs	0.48 kg / 1.1 lbs	0.53 kg / 1.2 lbs
WEEE weight	1.2 kg / 2.6 lbs	0.53 kg / 1.2 lbs	0.74 kg / 1.6 lbs
SECURITY	SONICPOINT ACe/ACi/N2		
Data encryption	WPA2; IPsec, 802.11i, WPA; 64/128/152-bit WEP, TKIP, AES, SSL VPN*		
AUTHENTICATION	SONICPOINT ACe/ACi/N2		
Authentication	RADIUS, Active Directory, single sign-on (SSO)		

\*When used with SonicWall Secure Remote Access Series appliance

\*\*Available on SonicPoint ACe and SonicPoint ACi only

## SonicPoint Series PoE Injector Specifications

HARDWARE SPECIFICATIONS	SONICWAVE 231c/224w/231o	SONICWAVE 432e/432i/432o
Number of ports	2: (1) Data In; (1) data and power out	2: (1) Data In; (1) data and power out
Dimensions	2.09 in. (W) x 1.28 in. (H) x 5.5 in (L)	1.69 (H) x 3.46 (W) x 6.54 (L) in; (43 (H) x 87.9 (W) x 166 (L) mm
Weight	0.44 lbs	0.91 lbs/(0.41 kg)
WEEE weight	—	1.2 lbs/(0.54 kg)
Shipping weight	—	1.28 lbs/(0.58 kg)
Connectors	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B
Status Indicators	2: AC Power (Yellow); Channel Power (Green)	LED indicator: Power On (yellow); Power supplied over Ethernet (green); Over current/short circuit (blinking green)
Data rates	10/100/1000 Mbps	10/100/1000 Mbps/2.5 GbE
POWER OVER LAN OUTPUT	SONICWAVE 231c/224w/231o	SONICWAVE 432e/432i/432o
Pin assignment and polarity	4/5 (+), 7/8 (-)	4/5 (+), 7/8 (-)
Output power voltage	55VDC	-55 VDC
Maximum output power	30 W	30 W
INPUT POWER REQUIREMENTS	SONICWAVE 231c/224w/231o	SONICWAVE 432e/432i/432o
AC input voltage	100 to 240 VAC	100 to 240 VAC
AC frequency	50 to 60 Hz	50 to 60 Hz
AC input current	0.8A @ 100-240 VAC	1.5A at 100-240 VAC
STANDARDS AND COMPLIANCE	SONICWAVE 231c/224w/231o	SONICWAVE 432e/432i/432o
Regulatory compliance	IEEE 802.3at (PoE), RoHS Compliant, WEEE Compliant, CE	CE, EN 55022 Class B (Emissions), FCC Part 15 Class B, EN 55024 (Immunity), VCCI
Electromagnetic emission and immunity	FCC Part 15, Class B; EN 55022 Class B (Emissions); EN 55024 (Immunity), VCCI	—
Safety	UL/cUL Per IEC 60950-1; GS Mark Per IEC 60950-1	UL/CUL 60950-1, GS Mark per IEC 60950-1
Environmental	—	RoHS, WEEE
ENVIRONMENTAL REQUIREMENTS	SONICWAVE 231c/224w/231o	SONICWAVE 432e/432i/432o
Operating ambient temperature	32° to 104°F (0 to 40°C)	14 to 113 °F, -10 to 40 °C
Operating humidity	Maximum 90%, Non-condensing	Maximum 90%, non-condensing
Storage temperature	-4° to 158°F (-20° to 70°C)	-4 to 158 °F, -20 to 70 °C
Storage humidity	Maximum 95%, Non-condensing	Maximum 95%, non-condensing

### Partner Enabled Services

Need help to plan, deploy or optimize your SonicWall solution? SonicWall Advanced Services Partners are trained to provide you with world class professional services. Learn more at [www.sonicwall.com/PES](http://www.sonicwall.com/PES).

## About SonicWall

SonicWall has been fighting the cybercriminal industry for over 27 years defending small and medium businesses, enterprises and government agencies worldwide. Backed by research from SonicWall Capture Labs, our award-winning, real-time breach detection and prevention solutions secure more than a million networks, and their emails, applications and data, in over 215 countries and territories. These organizations run more effectively and fear less about security. For more information, visit [www.sonicwall.com](http://www.sonicwall.com) or follow us on [Twitter](#), [LinkedIn](#), [Facebook](#) and [Instagram](#).