

product guide



ZoneFlex Indoor APs



FEATURE	ZF7055	ZF7321	R300	ZF7372	ZF7982	R500	R600	R700
DESCRIPTION	Dual-band Universal wall mounted 5 port Gigabit Wi-Fi switch	Dual-band switchable AP with unmatched price / performance	802.11n dual concurrent entry level APs	Mid-range 802.11n dual concurrent AP with BeamFlex +	High-end 802.11n dual concurrent AP with BeamFlex +	Mid-range 802.11ac dual concurrent AP with BeamFlex +	Mid-range 802.11ac dual concurrent AP with BeamFlex +	High-end 802.11ac dual concurrent AP with BeamFlex +
Maximum PHY rate	300 Mbps (5GHz) 300 Mbps (2.4GHz)	300 Mbps (5GHz) 300 Mbps (2.4GHz)	300 Mbps (5GHz) 300 Mbps (2.4GHz)	300 Mbps (5GHz) 300 Mbps (2.4GHz)	450 Mbps (5GHz) 450 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	1300 Mbps (5GHz) 450 Mbps (2.4GHz)	1300 Mbps (5GHz) 450 Mbps (2.4GHz)
Wi-Fi technology	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11ac (5 GHz) 802.11n (2.4 GHz)	802.11ac (5 GHz) 802.11n (2.4 GHz)	802.11ac (5 GHz) 802.11n (2.4 GHz)
Concurrent users	100	250	250	500	500	500	500	500
Radio chains:streams	2x2:2	2x2:2	2x2:2	2x2:2	3x3:3	2x2:2	3x3:3	3x3:3
Antenna elements	4	4	12	14	21	12	18	21
Antenna patterns	—	—	128	256	3000+	128	1000+	3000+
BeamFlex gains	—	—	4 dB Tx	4 dB Tx / 3-5dB Rx	6 dB Tx / 3-5dB Rx	4 dB Tx / 3-5dB Rx	6 dB Tx / 3-5dB Rx	6 dB Tx / 3-5dB Rx
Interference mitigation	—	—	Up to 10 dB	Up to 10 dB	Up to 15 dB	Up to 10 dB	Up to 15 dB	Up to 15 dB
Polarization	Vertical	Vertical	Vertical	Dual	Dual	Dual	Dual	Dual
Rx sensitivity (2.4/5GHz)	-90/-89 dBm	-101/-96 dBm	-101/-97 dBm	-101/-97 dBm	-101/-96 dBm	-100/-95 dBm	-100/-95 dBm	-99 dBm
ChannelFly	✓	✓	✓	✓	✓	✓	✓	✓
Smart meshing	✓	✓	—	✓	✓	Future software release	Future software release	Future software release
Ethernet ports	5	1	1	2	2	2	2	2
SKU/Part Number	901-7055-XX01	901-7321-XX00	901-R300-XXYY	901-7372-XX00	901-7982-XX00	901-R500-XX00	901-R600-XX00	901-R700-XX00

product guide



ZoneFlex Outdoor APs



FEATURE	T300 Series	T301 Series	ZF7781CM	ZF7782	ZF7782-S	ZF7782-N	ZF7731
DESCRIPTION	Enterprise class 802.11ac AP with integrated omni or external antennas (5GHz)	Enterprise class 802.11ac AP with 120° or 30° directional integrated antennas	High-end DOCSIS 3.0 802.11n AP	High-end carrier class 802.11n AP	High-end carrier class sectorized 120° AP	Carrier class 802.11n very high density AP	Point-to-Point / Multi-point bridge
Maximum PHY rate	867 Mbps (5GHz) 300 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	450 Mbps (5GHz) 450 Mbps (2.4GHz)	450 Mbps (5GHz) 450 Mbps (2.4GHz)	450 Mbps (5GHz) 450 Mbps (2.4GHz)	300 Mbps (5GHz) 300 Mbps (2.4GHz)	300 Mbps
Wi-Fi technology	802.11ac (5 GHz), 802.11n (2.4 GHz)	802.11ac (5 GHz), 802.11n (2.4 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (2.4/5 GHz)	802.11n (5 GHz)
Concurrent users	500	500	500	500	500	500	—
Radio chains:streams	2x2:2	2x2:2	3x3:3	3x3:3	3x3:3	2x2:2	2x2:2
Antenna elements	4	4	48	48	12	2	PTP, PTMP
Antenna patterns	128 (omni)	8	4000+	4000+	16+	2	—
BeamFlex gains	4dB Tx / 3-4dB Rx	4dB Tx / 3-4dB Rx	6dB Tx / 3-4dB Rx	6dB Tx / 3-4dB Rx	6dB Tx / 3-4dB Rx	6dB Tx / 3-4dB Rx	—
Interference mitigation	Up to 10dB	Up to 10dB	Up to 15dB	Up to 15dB	Up to 15dB	Up to 15dB	—
Polarization (vert/horz)	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Rx sensitivity (2.4/5GHz)	-100/-95 dBm	-100/-94 dBm	-101/-96 dBm	-101/-96 dBm	-101/-96 dBm	-101/-96 dBm	-96 dBm
ChannelFly	✓	✓	✓	✓	✓	✓	—
Smart meshing	Future software release	Future software release	✓	✓	✓	✓	—
Ethernet ports	1	1	1	2	2	2	1
SKU/Part Number	901-T300-XX01 or XX81 for E	901-T301-XX61 or XX51 for S	901-7781-XXCM	901-7782-XX01	901-7782-XX51	901-7782-XX61	901-7731-XX02

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