

WINNCOM - CAMBIUM SWAP CALA V3

CALA | Ubiquiti-first | Tarana premium/selective | 2-page quick reference

Priority: Ubiquiti first | Tarana: premium/selective | Specialists: Mimosa | RADWIN | Ceragon | Fibrain/HALNy | TP-Link | Nokia selective

INTERNAL USE ONLY

Use: first-pass sales guidance; validate country regulation, availability and engineering fit before quote.

Category	Cambium product / family	Recommended replacement	Fit	Sales cue
PMP	PMP 450m - 3 GHz / CBRS	RADWIN JET DUO / JET PRO - 3.5 GHz Alt: Tarana G1 where local spectrum/regulatory fit exists - premium/selective	Eng. review	Tarana only when performance justifies cost
PMP	PMP 450m - 5 GHz	Ubiquiti LTU Rocket + LTU clients Alt: RADWIN JET; Tarana G1/RNv for difficult RF/NLoS; Mimosa A6 + C6/C6x	Strong alt.	Ubiquiti first; Tarana premium/selective
PMP	PMP 450v AP - 5/6 GHz	Ubiquiti LTU for 5 GHz deployments Alt: Mimosa A6 + C6/C6x; Tarana G1/RNv 5/6 GHz for premium NLoS; RADWIN JET 5 GHz	Eng. review	Tarana when performance offsets price
PMP	PMP 450i AP/SM - 3 GHz / CBRS	RADWIN JET DUO / JET PRO - 3.5 GHz Alt: Tarana G1 where local 3 GHz support exists - premium/selective	Eng. review	Validate band, rules and economics
PMP	PMP 450i AP/SM - 4.9/5 GHz	Ubiquiti LTU / airFiber - project dependent Alt: RADWIN JET / 2000E; Tarana G1/RNv 5 GHz for difficult RF/NLoS; Mimosa A6/B6x	Strong alt.	Tarana premium for hard RF only
PMP	PMP 450 MicroPoP - 5 GHz	Ubiquiti LTU Rocket + LTU clients Alt: Mimosa A6 + C6x LE; RADWIN MultiSector / JET AIR	Strong alt.	Compact / cost-sensitive access
PMP	PMP 450v / 450b / 450b6 subscriber modules	Ubiquiti LTU clients when migrating to LTU Alt: Mimosa C6/C6x or RADWIN SU when those AP platforms are selected	Transform	Migrate sector and CPE together
PMP	PMP 450 legacy - 900 MHz / 2.4 GHz	2.4 GHz: Ubiquiti airMAX 2AC; 900 MHz: no clean path Alt: Redesign where spectrum/economics allow	Eng. review	Low-band project review
ePMP	ePMP 4500 / 4500L / 4500C - 5 GHz	Ubiquiti LTU Rocket + LTU clients Alt: Mimosa A6 + C6/C6x; RADWIN JET; Tarana G1/RNv for premium difficult-RF sites	Strong alt.	Ubiquiti first; Tarana selective
ePMP	ePMP 4600 - 6 GHz	Mimosa A6 + C6/C6x - 6 GHz Alt: Tarana G1/RNv 6 GHz for premium NLoS/high-interference; Ubiquiti where validated	Strong alt.	Tarana selective due to pricing
ePMP	Force 400 / 4518 / 4525 - 5 GHz	Ubiquiti LTU LR / XR / Lite - by link budget Alt: Mimosa C6x when migrating to Mimosa A6	Transform	CPE follows selected AP platform
ePMP	Force 4600 / 4616 / 4625 - 6 GHz	Mimosa C6 / C6x Alt: Tarana RN/RNv with Tarana BN for premium migration; Ubiquiti where validated	Strong alt.	Premium Tarana only when justified
ePMP	ePMP 3000 / Force 300 and older ePMP	Ubiquiti LTU / airMAX for value migrations Alt: Mimosa A6 + C6x; RADWIN JET for premium RF	Strong alt.	Value-first legacy migration
5G FWA	cnWave 5G Fixed BTS + CPE - 24/26/28 GHz	Nokia FastMile 5G mmWave - selective use Alt: Project-specific architecture; no simple preferred CALA cross	Transform	Use only for strategic 3GPP projects
60 GHz	cnWave 60 GHz V5000 distribution node	Ubiquiti Wave AP / Wave AP Gen2 Alt: Ceragon / Siklu MultiHaul TG	Strong alt.	Cost-effective 60 GHz PtMP
60 GHz	cnWave V1000 / V2000 / V3000 client nodes	Ubiquiti Wave Pro / LR / Nano / Pico Alt: Ceragon / Siklu TG terminals	Strong alt.	Match client to range/capacity
Bridge	5 GHz Bridge-in-a-Box 1Gb / UHD PRO	Ubiquiti Wave MLO5 / airFiber 5XHD pair Alt: Mimosa B6x/C6x; TP-Link Pharos for lower-throughput value links	Direct	High-value 5 GHz bridge options
Bridge	60 GHz Bridge-in-a-Box 1GB / 2GB	Ubiquiti airFiber 60 LR / XG / XR pair Alt: Ceragon / Siklu EtherHaul	Direct	Multi-gigabit 60 GHz bridge
PTP Sub-6	PTP 450i / PTP 450b	Ubiquiti airFiber 5XHD / Mimosa B6x Alt: RADWIN 2000E for premium/resilient links	Strong alt.	Value or premium PtP path
PTP Sub-6	PTP 550	Ubiquiti Wave MLO5 / airFiber family Alt: Mimosa B6x; RADWIN 2000E for premium resilience	Strong alt.	Primary Ubiquiti backhaul path
PTP Sub-6	PTP 670	Ubiquiti Wave MLO5 / airFiber 5XHD Alt: RADWIN 2000E for premium resilience; Mimosa B6x	Strong alt.	Ubiquiti first; RADWIN premium
PTP Secure	PTP 700 / 45700 / 78700	No automatic replacement Alt: RADWIN / Ceragon only after security, band and compliance review	Gap	Project engineering only
Microwave	PTP 820S / 820C - 6-42 GHz	Ceragon IP-50CX Alt: Project-specific licensed microwave option	Direct	Default licensed microwave
Microwave	PTP 820A / 820F	Ceragon IP-50GP / IP-50FX + RFU family Alt: Project-specific aggregation architecture	Direct	Protected / aggregation sites
Microwave	PTP 820E - E-band	Ceragon IP-50EX family Alt: Siklu EtherHaul where project fit is better	Direct	Primary E-band route

Select the replacement path first; validate local spectrum, capacity, CPE migration, power/mounting and management requirements before final quote.

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Microwave	PTP 850C / 850CX - 6-42 GHz	Ceragon IP-50CX Alt: Project-specific licensed microwave option	Direct	Like-for-like microwave
Microwave	PTP 850GP	Ceragon IP-50GP / IP-50FX Alt: Ceragon aggregation architecture	Direct	Indoor aggregation
Microwave	PTP 850EX / 850EX-P	Ceragon IP-50EX / EXP / EXA Alt: Siklu EtherHaul where appropriate	Direct	High-capacity E-band
Wi-Fi	X7-35X / X7-53X / X7-55X / X7-56X - Wi-Fi 7	Ubiquiti E7 / U7 Wi-Fi 7 portfolio Alt: TP-Link Omada EAP773 / EAP783 / EAP787	Strong alt.	Primary CALA enterprise Wi-Fi 7
Wi-Fi	XV2-21X / XV2-2X - indoor Wi-Fi 6	Ubiquiti U6 / U7 indoor portfolio Alt: TP-Link Omada EAP6xx / EAP7xx	Strong alt.	Primary indoor refresh
Wi-Fi	XE3-4 - indoor Wi-Fi 6E	Ubiquiti U7 / E7 Wi-Fi 7 upgrade path Alt: TP-Link Omada Wi-Fi 7	Transform	Move 6E projects to Ubiquiti Wi-Fi 7
Wi-Fi	XV3-8 / XE5-8 - high-density Wi-Fi 6/6E	Ubiquiti E7 Audience / E7 Alt: TP-Link Omada EAP783 / EAP787	Strong alt.	High-density venues / campus
Wi-Fi	XV2-22H wall-plate	Ubiquiti U7 In-Wall Alt: TP-Link Omada EAP775-Wall / EAP725-Wall	Strong alt.	Hotel / MDU wall-plate
Wi-Fi	XV2-23T / XV2-2T / XE3-4TN - outdoor	Ubiquiti U7 Outdoor / E7 Campus Alt: TP-Link Omada outdoor Wi-Fi 7	Strong alt.	Outdoor enterprise / campus
Wi-Fi	cnPilot e600 / e510 / e700 and older Wi-Fi 5	Ubiquiti U6 / U7 portfolio Alt: TP-Link Omada current EAP portfolio	Strong alt.	Legacy Wi-Fi platform refresh
Home Wi-Fi	RV22 home mesh	Ubiquiti UniFi / UX7 whole-home Wi-Fi path Alt: TP-Link Aginet for ISP-managed residential deployments	Strong alt.	Ubiquiti first; Aginet for ISP workflows
Switching	cnMatrix EX2000 series	Ubiquiti UniFi Pro / Pro Max / Enterprise switching Alt: TP-Link Omada L2+ / L3 PoE switching	Strong alt.	Primary access switching path
Switching	cnMatrix EX3000 series	Ubiquiti Enterprise Campus / Aggregation Alt: TP-Link Omada stackable L3	Strong alt.	Primary aggregation / large-project path
Switching	cnMatrix TX1000 / TX2000 tower-WISP switches	Ubiquiti UISP Switch / Switch Pro Alt: Engineered tower power/switch solution	Eng. review	Validate DC / passive PoE / sync
Fiber	8-/16-port Combo PON OLT	Ubiquiti UISP Fiber OLT XGS Alt: Fibrain V5908XC / V6016XC; Nokia Lightspan for strategic projects	Strong alt.	Primary CALA fiber platform review
Fiber	Indoor / Outdoor GPON & XGS-PON ONTs	Ubiquiti UISP Fiber XGS / GPON ONU portfolio Alt: HALNy ONTs; TP-Link Aginet PON CPE	Strong alt.	Lead with UISP Fiber ecosystem
Fiber	XGS-PON Pluggable ONU	HALNy HLX-SFPX XGS-PON ONU stick Alt: External Ubiquiti Fiber XGS where pluggable form factor is not required	Direct	Validate OLT interoperability
Security	NSE 3000 / NSE 4000	Ubiquiti UniFi Gateways - UCG / UXG / EFG family Alt: TP-Link Omada gateways by scale	Strong alt.	Primary Ubiquiti security / SD-WAN path
IIoT	cnReach N550 - 220/450/700/900/1400 MHz	FreeWave industrial radio portfolio Alt: Teltonika RUT / TRB where cellular/IP migration is acceptable	Strong alt.	SCADA / telemetry / utilities
IIoT	cnReach Terminal Server	Teltonika RUT / TRB industrial gateways Alt: FreeWave industrial edge / gateway options	Strong alt.	Serial / Modbus / industrial gateway
Software	cnMaestro Essentials / X	TBD	TBD	Replacement strategy TBD
Software	LINKPlanner	TBD	TBD	Replacement strategy TBD
Software	cnHeat	TBD	TBD	Replacement strategy TBD
Software	Cambium QoE / subscriber assurance	TBD	TBD	Replacement strategy TBD
Accessories	PoE, SFPs, antennas, mounts, surge, sync accessories	Use accessories certified for selected replacement platform Alt: Build Winncom-approved bundles by vendor	Eng. review	Bundle required accessories

Software items remain TBD. Engineering-review and gap items require technical validation before presenting a cross-reference as equivalent.