

- PROACTIVE SUPPLY CHAIN - GUARANTEED QUALITY OEM / ODM FOR CORPORATE AND SALES, LINE-CARD, CONFIGURATOR AND SAMPLES VISIT WWW.VOXMICRO.COM REGIONAL OFFICES IN CALIFORNIA (USA) - OXFORDSHIRE (UK) - HONG KONG AND TAIWAN R.O.C. AIRETOS® AND OXFORDTEC® ARE TRADEMARKED PRODUCT BRANDS OF THE VOXMICRO GROUP.



E61 CLASS **AIRETOS**









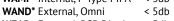






PRE-APPROVED ANTENNA SERIES

WAPH Internal, PCB Dipole WAFH Internal, FPC Dipole < 3db WAMF Internal, F-Type PIFA



* certified On-Demand

† list may vary by domain















Fully featured WAVE2 choice for the computing market Dual Band with Multi User MIMO support Bluetooth 5.0 Compliance with Class I mode, ANT+ and BLE Extended Grade Variant X; Industrial range operating temperatures Modular World Regulatory Certification (50+ domains)

TECHNICAL SUMMARY

Communications Interface

Antenna Type

Industry Standards

Power Consumption

Operating System

Operating Temperature

Oualcomm-Atheros OCA6174A-5 Chipset

Standard IEEE 802.11ac/abgn Wi-Fi combo with BT5.0

Up to 867Mbps (dynamic) **Data Transfer Rates**

Qualcomm Atheros reference design QNFA364A (QCA Industrial Reference

P/N NFA364A)

WLAN via PCI Express Standard 2.1 host I/O +

Bluetooth via USB PIN mapping

Two on board MHF4 connectors

RF Output Power, per chain up to 20dBm **RF Output Power, combined** up to 23dBm

Wi-Fi CERTIFIED Direct®, Wi-Fi CERTIFIED Miracast®

405 mA *during Transmit Packet Test HT40

UP TO -40 ~ +85 Celsius

Windows, Linux, macOS, Android

COMMERCIAL SUMMA	ARY		
Year Released	2017	Expected Lifespan	2025+
Production Status	MP	Effective Lead-time	< 8 weeks
Samples Availability	Online & On-Request	Regulatory Approvals	World
VADIANT MONG	Chains Grade Form Facto	25	MSPD

	VARIANT MPNs	Chains	Grade	Form Factor	MSRP
	AFX-QCA6174-NC	2x2	Commercial	[R] Regular 2230, m.2 A+E Key (NGFF)	\$ 24.95
	AFX-QCA6174-NX	2x2	Extended	[R] Regular 2230, m.2 A+E Key (NGFF)	\$ 29.95
ES	AFX-QCA6174-NC-Fkit	2x2	Commercial	[F] 3042, m.2 B+M Key (NGFF)	\$ 32.95
ES	AFX-QCA6174-NX-Fkit	2x2	Extended	[F] 3042, m.2 B+M Key (NGFF)	\$ 37.95
	AFX-QCA6174-NC-Xkit	2x2	Commercial	[X] Full-mini mPCIe	\$ 34.95
	AFX-QCA6174-NX-Xkit	2x2	Extended	[X] Full-mini mPCIe	\$ 37.95