



Valencia Network Appliance Series

Cost Effective and Compact Intel® Atom® C1100-Based “Formerly Arizona Beach” Desktop Network Appliance 2-core/4-core/8-core

Product Description

The Valencia Network Appliance offers cost-effective, high-performance solutions for a wide variety of edge-based applications.

This powerful platform features robust CPUs, plentiful memory, and storage scalability to handle various workloads including SD-WAN, SASE, SSE and IoT while supporting a host of networking options including 2.5GbE and 10G SFP+ as well as PoE++ ports.

Dual 4G/5G cellular cards provide flexible and secure data transfer from any remote location. For superior wireless performance, the system supports Wi-Fi 6. Additionally, the Valencia Network Appliance offers expandability with a range of AI cards to accelerate processing power at the edge.

Valencia Network Appliance was designed with a focus on flexibility and customization, enabling the deployment of various networking services including SD-WAN, SASE, WAN Optimization, Edge Analytics and IoT applications.



Key Features:

- CPU, memory, and storage scale for edge needs
- Native 2.5GbE support
- Expansion options for additional network ports including 10G SFP+ and PoE++
- Support for dual 4G/5G cellular cards
- Supports Wi-Fi 6 and Wi-Fi 6e DBDC AP Cable Cards
- Supports Wi-Fi 6e with BT client cards
- Support for high performance AI cards

Technical Specifications

General Technical Specifications	
CPU:	<ul style="list-style-type: none"> • Intel® Atom® C1100 (2-core), C1110 (4core), or C1130 (8-core)
Memory:	<ul style="list-style-type: none"> • 4GB, 8GB, 12GB, 16GB LPDDR5 Options (Future support for 32GB)
Storage:	<ul style="list-style-type: none"> • UFS SSD (32GB – 1TB) • eMMC (4GB-256GB) • NVMe M.2 SSD
Network:	<ul style="list-style-type: none"> • 4x 2.5GbE RJ45 • Expansion Options <ul style="list-style-type: none"> ○ 2x 10GbE SFP+ ○ 2x 1GbE RJ45 with PoE++ and 2x 1GbE SFP
Wi-Fi:	<ul style="list-style-type: none"> • Wi-Fi 6 DBDC Access Point Support (M.2 B+M Card) • Intel WiFi6e + BLE (M.2 E-key). Supports CNVio • Internal or External Antennas
Cellular:	<ul style="list-style-type: none"> • Two M.2 Oversized Slots with Dual SIM (4G/5G Support) • eSIM Support • External Antenna
I/O Connectors:	<ul style="list-style-type: none"> • 1x USB-A 3.2 • Cisco RJ-45 and micro-USB Console Port (auto-detect)
Security:	<ul style="list-style-type: none"> • TPM2.0 • Secure Boot • Hardware Root of Trust
Other:	<ul style="list-style-type: none"> • Two programmable buttons (protruding and recessed) • Three programmable RGB LED's
Form Factor:	<ul style="list-style-type: none"> • Fan-less Desktop, 220x180x60mm • Fan-Cooled Desktop, 220x180x44mm • Wallmount and Rackmount Kits
Power Input:	<ul style="list-style-type: none"> • +12 VDC locking barrel jack, external desktop PSU, regional AC cord options

Order Information

P/N	Description
80500-0225-G01-SL00A	Valencia Kit, 2-core, 4GB LPDDR5, 32GB eMMC
80500-0225-G00-SL00A	Valencia Kit, 4-core, 8GB LPDDR5, 128GB eMMC
80500-0225-G02-SL00A	Valencia Kit, 8-core, 16GB LPDDR5, 128GB eMMC