

How Does AIVONO Function as an OEM 2-in-1 Disposable Vape Solution Provider for Custom Brands?

The advertisement features a central image of the AIVONO RVN MATE 2in1 disposable vape. The device is black with a silver base and a colorful illustration of a bear wearing a blue and orange flight suit and a blue helmet with goggles. The text 'AIVONO' and 'RVN MATE' is printed on the device. Above the device, the text 'AIVONO' and 'RVN MATE' is displayed in large, stylized letters, followed by '2in1'. To the right of the device, two flavor options are listed: 'FLAVORS ① GUMMY BEARS' and 'FLAVORS ② MIXED BERRY'. Below the device, five icons represent its features: 'Dual Mesh coil', 'Volume 36ml', '850 mAh', 'TYPE-C', and 'LED SCREEN'. The background is a light blue gradient with white brushstrokes.

AIVONO[®]
— RVN MATE —

2in1

FLAVORS ① **GUMMY BEARS**

FLAVORS ② **MIXED BERRY**

① FLAVORS

FLAVORS ②

AIVONO[®]
— RVN MATE —

Dual Mesh coil

Volume 36ml

850 mAh

TYPE-C

LED SCREEN

Shenzhen, Guangdong Jul 16, 2026 ([Issuewire.com](https://www.issuewire.com)) - In the current electronic cigarette market, brand owners frequently encounter challenges regarding product differentiation. The widespread practice of simple logo-slapping on generic hardware makes it difficult for new brands to capture consumer attention. When standard options dominate the shelves, the true value of an original equipment manufacturer lies in providing comprehensive, deep-level customization. Emerging market

dynamics require more than just supply chain fulfillment; they demand advanced hardware, innovative flavor separation, and bespoke structural design. As a professional encapsulation of engineering excellence, [Shen Zhen AIVONO Technology Co., Ltd.](#) addresses these specific bottlenecks by operating as a specialized OEM 2-in-1 disposable vape solution provider for custom brands. Instead of offering restrictive public molds, the enterprise delivers end-to-end integration across hardware development, integrated circuitry, and physical aesthetics, giving brands a distinct competitive advantage in regional marketplaces.

Q1: What defines the specialized dual-flavor manufacturing solution?

Standard manufacturing configurations usually focus on a single e-liquid reservoir attached to a single heating coil. However, regional consumer preferences are moving toward variety and experiential control. To meet this specific market demand, AIVONO prioritizes a complex architecture that accommodates multiple flavors within a single unit. This specialized setup includes options such as dual-flavor independent compartments, multi-in-one structures, and multi-core configurations that allow users to switch between or combine different vapor profiles seamlessly.

Functioning as an expert OEM [2-in-1 disposable vape](#) solution provider, the company provides custom engineering for these complex multi-compartment structures. Rather than simply packing liquid into pre-existing casings, the manufacturing team designs the internal hardware from the ground up. This process involves precise airflow path calibration, dedicated vacuum testing to eliminate flavor bleeding between compartments, and specialized electrical circuit configurations. The resulting multi-flavor products also feature adjustable airflow controllers and integrated display monitors, providing a premium interactive experience that sets custom brands apart from conventional market offerings.

Q2: How deep does hardware and structural customization go?

Structural customization forms the baseline of the technical solutions provided by Shen Zhen AIVONO Technology Co., Ltd. For a brand seeking true differentiation, hardware modification must go far beyond external color choices. The comprehensive engineering process involves several precise developmental tiers:

- **Exclusive External Molding:** The engineering team collaborates closely with partners to develop exclusive private molds that define the unique outer identity of the product line. Brands can select custom body dimensions, ergonomic mouthpieces, and advanced materials ranging from brushed aluminum alloys to high-grade polymers.
- **Advanced Surface Treatments:** To ensure the final product delivers an excellent tactile and visual feel, multiple finishing techniques are available. These options include precise ultra-violet curing, durable in-mold decoration, and specialized metallic coatings.
- **Leak-Proof Structural Isolation:** Internally, the engineering intervention becomes even more rigorous. A typical OEM 2-in-1 disposable vape requires a highly secure dual-tank isolation system to completely prevent internal leakage and flavor mixing.
- **Customized Circuitry and Power Allocation:** Technical staff coordinates the power distribution via custom-designed printed circuit boards. These systems utilize synchronized dual mesh coils that alternate power intake, maintaining a balanced heating temperature and preventing premature coil degradation.
- **User Interface Logic Integration:** Type-C charging management ports are carefully integrated alongside curved or standard light-emitting diode screens. The user interface logic of these displays is rewritten according to brand preferences, ensuring every visual element undergoes thorough design for manufacturability assessments to secure smooth mass production.

Q3: Are liquid formulation and packaging integrated into the service?

A successful product deployment relies as much on internal flavor chemistry as it does on mechanical reliability. Therefore, the specialized services extended by AIVONO fully cover custom e-liquid formulation and compliant packaging design. The research division adjusts the chemical properties of the e-liquid, including the sweetness, cooling intensity, and throat hit dynamics, to match the consumer habits of specific target countries. This tailored formulation ensure that the dual flavors inside the multi-tank structure complement one another without diminishing the user experience.

Simultaneously, packaging specialists handle the visual and legal requirements of the outer box. The service delivers comprehensive packaging structural designs, security anti-counterfeiting labels, multi-language ingredient listings, and international barcode generations. This complete execution ensures that the outer box mirrors the premium design of the private mold device inside. By integrating liquid formulation with final packaging, custom brands receive a highly uniform product that aligns with global distribution standards and satisfies regional retail expectations.

Q4: What are the timeline commitments and quality control measures?

Efficient project execution helps brands capitalize on temporary market opportunities. The development timeline managed by Shen Zhen AIVONO Technology Co., Ltd. follows a structured, milestone-driven protocol designed to minimize delay. The entire manufacturing process operates under strict quality guidelines to guarantee consistency across every batch:

- **Non-Disclosure and Requirement Finalization:**Securing intellectual property before confirming structural and aesthetic expectations.
- **Three-Dimensional Visual Proposal:**Generating detailed engineering mockups of the internal dual-tank layout and outer housing.
- **Prototyping and Flavor Verification:**Creating physical samples to verify airflow dynamics, battery safety, and flavor accuracy.
- **Pre-Production and Mass Testing:**Running limited test batches to identify assembly bottlenecks before initiating full factory output.

The manufacturing infrastructure utilizes standardized production workshops and a comprehensive quality control system. Every OEM 2-in-1 disposable vape undergoes pressure testing, battery stability screening, and automated puff simulations. To reduce entry barriers for growing brands, the enterprise supports flexible minimum order quantities during the initial testing phase. Partners also receive dedicated regional channel protections, detailed export compliance certification documents, and a six-month product warranty.

Delivering value through technical differentiation

Building a sustainable brand in the competitive electronic cigarette sector requires moving away from generic, copied products. By prioritizing structural innovation, integrated dual-core electronics, and complete operational transparency, AIVONO provides a highly dependable production foundation. The balance between advanced hardware development and precise flavor chemistry allows custom brands to establish a reliable market presence. Companies looking to elevate their product lines can submit a formal request for quotation to initiate a customized manufacturing assessment.

For further inquiries regarding technical specifications, manufacturing capacities, and custom design evaluations, please visit the official corporate portal at: <https://www.aivono-vape.com/>



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Source : Shen Zhen AIVONO Technology Co. Ltd.

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