

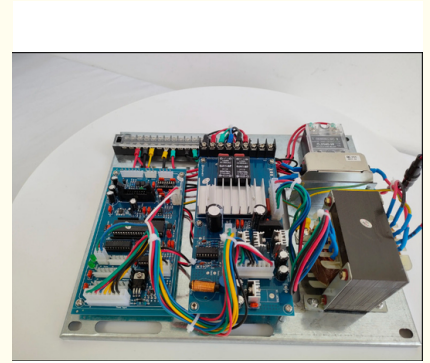
## Bernet Single Nozzle Computer Controller Unit for LPG Dispenser

Our Product Introduction

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### Basic Information

- Place of Origin: Anhui China
- Brand Name: BERNET
- Certification: ISO900,OIML,CE
- Model Number: BNT-E121FPL
- Minimum Order Quantity: 2 Pieces
- Price: US dollar \$175.00-\$220
- Packaging Details: 15 Pieces per Carton
- Delivery Time: 15-25days
- Payment Terms: T/T,L/C,MoneyGram,Western Union,D/P,D/A
- Supply Ability: 1000 Pieces per Month

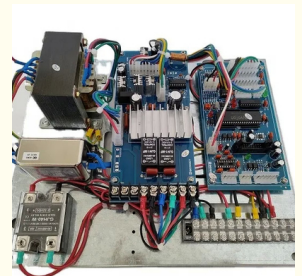
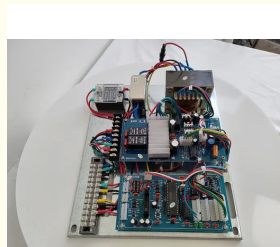
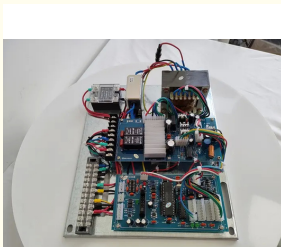


### Product Specification

- Accuracy:  $\pm 0.3\%$
- Usage: LPG Dispenser
- Working Voltage: 220V
- Highlight: Single Nozzle Computer Controller Unit,  
Bernet Computer Controller Unit,  
LPG Dispenser Computer Controller Unit



### More Images



## Product Description

The computer controller is the "brain" of a compressed natural gas (CNG) or liquefied natural gas (LNG) dispenser, ensuring accurate, safe, and efficient fuel delivery. It integrates advanced hardware and software to manage real-time operations, from metering to user interfaces, while adhering to stringent industry standards.

### Key Components & Functions

**Central Processing Unit (CPU)** – Executes control algorithms to regulate flow rates, valve operations, and safety checks.

**Flow Measurement Module** – Works with sensors to calculate gas volume/pressure with high precision, ensuring billing accuracy.

**User Interface (Display & Keypad)** – Provides clear fueling data (e.g., quantity, price) and allows operator input.

**Safety Monitoring System** – Detects leaks, overpressure, or temperature anomalies, triggering automatic shutdowns if needed.

**Communication Ports** – Connects to payment systems, remote monitoring networks, or station management software.

**Power Management Circuit** – Stabilizes voltage for consistent performance in varying electrical conditions.

### Advantages

**Dual-Fuel Compatibility:** Supports both CNG, LPG and LNG configurations with adaptable software settings.

**Tamper-Proof Design:** Encrypted data transmission and secure firmware prevent unauthorized access or fraud.

**Environmental Resilience:** Rated for harsh conditions (dust, humidity, temperature extremes) common in refueling stations.

**Real-Time Diagnostics:** Self-tests and error logs simplify maintenance and reduce downtime.

**Future-Ready Upgrades:** Modular architecture allows software updates for compliance with evolving regulations.

By combining reliability with smart technology, this computer head optimizes gas dispensing for modern stations, balancing operational efficiency with user-friendly control.



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