# GUARDIAN CONNECT FLEX 16

**MODEL NO.: PL-GF16-CT**

## GENERAL SPECIFICATIONS

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|---|---|
| **Product Name** | Guardian Connect Flex 16 |
| **Model Number** | PL-GF16-CT |
| **Dimensions (W×D×H)** | **27.54" × 5.12" × 21.36"** |
| **Locker Bays** | 16 Independent Bays |
| **Weight** | **46.3 lbs** |
| **Housing Material** | Heavy-Duty Cold Rolled Steel |
| **Charging Method** | Wireless Charging |




## ELECTRICAL & POWER SPECIFICATIONS

| | |
|---|---|
| **Input Voltage** | AC 100V / 50–60Hz |
| **Power Output** | PD 15W per Bay |
| **Max Power Consumption** | 240W |
| **Operating Temp** | -22°F to 140°F |

## SYSTEM ARCHITECTURE & PROCESSING CORE

### Android 15 Smart Console

- **Display:** 7-inch Color Touchscreen with high-definition 1024×600 resolution for clear user guidance.
- **Operating System:** Enterprise Android 15 OS optimized for interactive kiosk environments.
- **Processing Power:** High-performance Quad-Core RK3566 Processor (ARM Cortex-A55 @ 2.0 GHz).
- **Memory & Storage:** 2 GB DDR RAM + 16 GB eMMC flash storage for quick UI responses and offline log caching.

### Connectivity & Authentication

- **Wi-Fi Network:** Dual-Band Wi-Fi 6 (802.11ax, 2.4 GHz / 5 GHz) for high-speed cloud management.
- **Bluetooth:** Integrated Bluetooth 5.4 for local diagnostic tools and BLE beacon support.
- **Card Reader (RS232):** Built-in industrial-grade reader for badge/RFID authentication.
- **Low Power & Reliability:** Reader operates on DC 9–12V (<1W draw), with built-in buzzer, LED feedback, surge protection, and hardware watchdog timer for uninterrupted 24/7 deployment.

**INDUSTRIAL GRADE** **NEMA COMPLIANT** **ADA ACCESSIBLE DESIGN**

Designed for corporate campuses, education facilities, healthcare centers, and public venues requiring secure multi-device wireless charging.

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