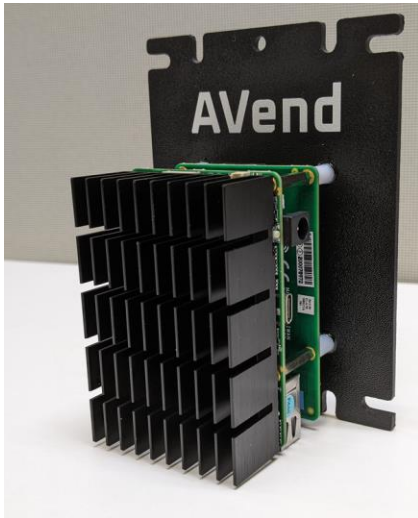


AVend Smart Vending Kit



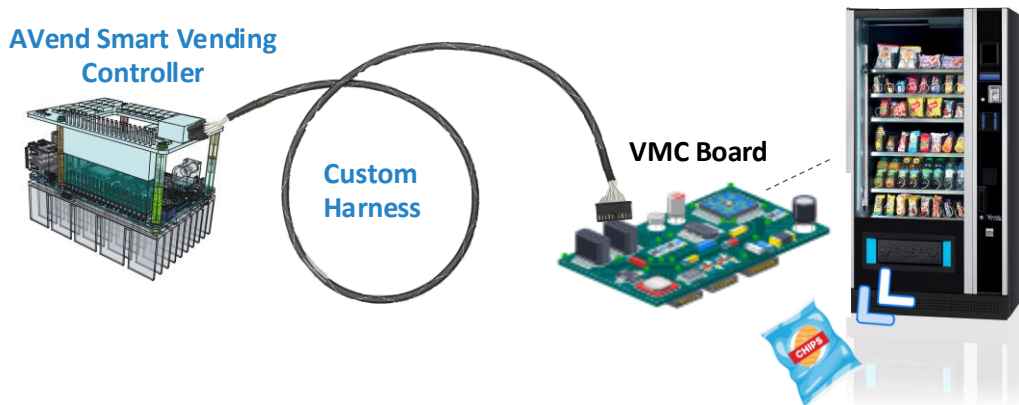
Features

- Exclusive technology allowing software control dispense for vending machines with keypad controller (US Patent No. 11296721)
- Include Intel PC with up to 8GB RAM/ 64GB eMMC storage
- HDMI & DP via USB C for video output
- Local dispense API included
- Linux or Windows 10 OS
- Custom Harness by vending machine model

Optional

- Mounting plate fitting standard cutout

Smart Vending with AVend Kit



LOCAL Vend: Turnkey/Your App -> AVend Local API -> Dispense

Mobile Vend: Scan Vending Machine QR code -> Buy on user's cellphone
-> AVend Remote API -> Dispense

Remote Vend: 3rd Party Platform -> AVend Remote API -> Dispense

Available AVend solutions for AVend Kit

- | | |
|-------------------------------|--------------------------|
| ▪ Turnkey vending app | ▪ Cellular data plan |
| ▪ Touchscreen UI | ▪ Digital signage system |
| ▪ Cashless payment acceptance | ▪ AVend Remote API |
| ▪ Remote management | |



AVend Smart Vending Kit is covered by US Patent No. 11296721

AVend Smart Vending Kit

Specifications:

Smart Vending	
Keypad Configuration	Up to 5x5 (RxC)
Relays	25 solid-state relays
Status LED	25X LED for relay status 1x LED for power status
Output Connector	Molex 430451000 or equivalent, Micro-Fit 3.0 10P
SDK Included	AVend Local Dispense API
API Interface	HTTP REST



AVend

System	
Processor	Intel® Celeron® N3350 / Pentium® N4200 / Atom® x7-E3950
Graphics	Intel® HD Graphics
Memory	Up to 8GB on board LPDDR4
Storage	Up to 64GB on board eMMC
Display Interface	HDMI 1.4b x 1 DP 1.4a x 1 (via USB Type-C)
Ethernet	1GbE RJ-45 x 1
USB	USB 3.2 Gen 1 (Type A) x 3 USB 3.2 Gen 1 OTG (USB Type-C) x 1
Security	Onboard TPM 2.0
OS support	Linux Microsoft Windows 10

Power Requirement	
Power	12V DC-in
Power Consumption	(Typical) 19W~25W
Mechanical	
Dimension	87 x 65 x 65 mm (L x W x H)
Weight	150 g
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C), 0.5m/s airflow
Operating Humidity	10% ~ 80% relative humidity, non-condensing
MTBF	538,629 Hours
Certification	CE/FCC Class A, RoHS Compliant, REACH

Included Items:

- AVend Smart Vending controller
- 12VDC power supply
- AVend Local API
- Linux or Windows 10 OS
- Custom Harness by Vending Machine model

Optional:

- AVend mounting plate
- AVend turnkey app
- AVend CC reader & Payroc processing
- AVend Cellular Data plan & Router
- AVend Digital signage system
- AVend Remote API

www.smart-vending.us

Note: All specifications are subject to change without notice.

2025.01

