

INDOOR DIGITAL SIGNAGE

Vibrant displays with easy content updates for real-time marketing



Vantron Display



Touchscreen Monitor



HDBaseT Media Player

Vantron TMC320/430/550

- FHD & UHD resolution
- Wall mount installation
- OPS BOX optional
- Front bezel for true flat installation

Vantron HT6200/HT7200 Media Player

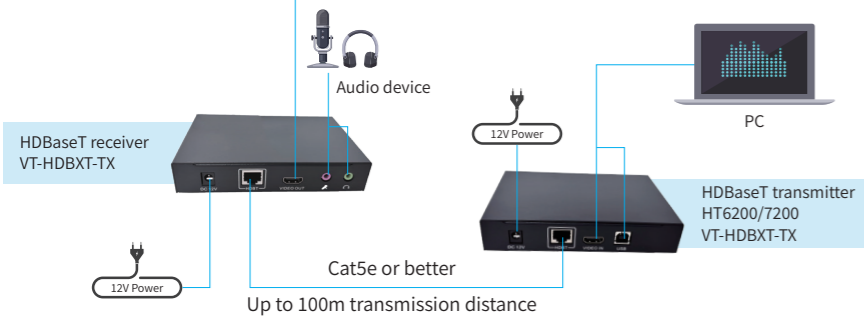
- Intel® Celeron/Core i7 processor
- Dual/Quad HDBaseT ports
- Uncompressed data without latency
- Up to 100m transmission distance
- 4K UHD video output



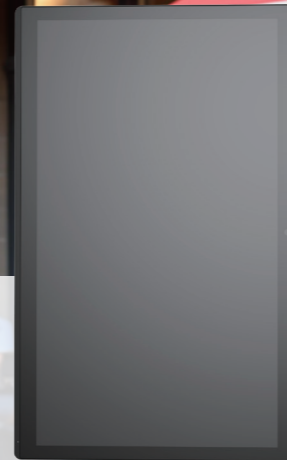
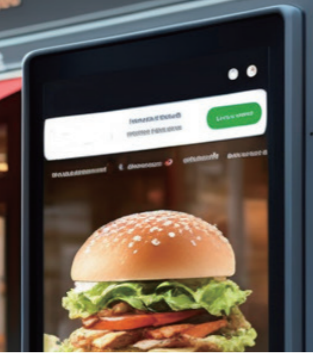
HDBaseT Extender Kit

Vantron VT-HDBXT Series UHD HDBaseT Extender Kit

- Up to 100 meters in long-reach mode
- Convert HDMI signal to HDBaseT
- 4K UHD video transmission
- Receiver offers USB interfaces for HIDs



DRIVE-THRU MENU BOARD



Vantron TMC320/430/550 High-brightness version

- Brightness up to 4000 nits
- Open-frame installation: bracket or VESA
- Front panel IP65-rated
- Front bezel for true flat installation

(Touchscreen Monitor)

Vantron RPC215-EKT/MX95

- Complete industrial design
- Brightness up to 1000 nits
- VESA, YOKE mounting
- IP69K rated for complete protection
- -40°C ~70°C operating temperature

(All-in-one Panel PC)

COMPLETE EMBEDDED SYSTEM FOR QUICK SERVICE RESTAURANTS

Our flexible and reliable suite of products empowers QSRs to streamline workflows, from ordering to kitchen displays to point-of-sale, accelerating modernization and digitalization.

2002 Founded

USA Headquartered

5+ Worldwide Manufacturing Sites

1M+ Devices Shipped in 2025

OEM/ODM Solutions

ABOUT VANTRON

Vantron Technology, Inc. is a global leader in embedded IoT solutions, offering industrial boards, box PCs, HMIs, and data acquisition devices. Driven by innovation and customer focus, we provide cost-effective, turnkey solutions for lasting success.

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LinkedIn



Website

Vantron Technology, Inc.

WHAT VANTRON OFFERS



- ① Self-Service Kiosk
- ② Point-of-Sale
- ③ Service Robot
- ④ Indoor Digital Signage
- ⑤ Drive-Thru Menu Board



- Vantron R102/R105**
- Complete industrial design
 - Multi-link failover, auto-reconnection
 - Dual SIM switchover
 - Multiple VPN tunnels and cyber security measures
 - Remote management



- Vantron S105/S108**
- Complete industrial design
 - Unmanaged switch
 - Support PoE, SFP, alarm relay
 - Adaptive full/half duplex Ethernet jacks
 - Compact size, easy to deploy



POINT-OF-SALE

All-in-one POS system streamlines transactions and inventory management



Smart Module



Display Module

- Vantron VOSM700**
- Dual-core A78 @2.2GHz + hexa-core A55 @2.0GHz
 - 4.4 TOPS APU
 - Wi-Fi 5 & BT 5.2
 - Android 15, Linux Yocto
 - OSM-L standard form factor

- Vantron LCM series**
- Multiple options for screen size
 - Customized touch panel with surface treatment
 - Advanced bonding techniques
 - Customizable backlight brightness



Handheld PDA

- Vantron M05R1**
- MediaTek MT8768 Octa-core ARM Cortex A53
 - LTE, GNSS, Wi-Fi, BT and NFC
 - Built-in 1D/2D barcode scanner
 - Removeable battery
 - Pogo pin for extension
 - IP65 rated
 - Android 15, GMS certified



Remote Management Platform

- Vantron BlueSphere MDM**
- Device management
 - Application management
 - Remote login/monitoring/troubleshooting
 - OTA firmware upgrade

Vantron's cutting-edge total solutions are tailored for the Quick Service Restaurant (QSR) industry, delivering robust performance and seamless integration. Our portfolio includes:

- Touchscreen Monitor
- Edge AI Board & Module
- Multi-Media Player
- POS System
- Industrial Router/Switch
- Remote Management

SELF-SERVICE KIOSK

Accelerates ordering and checkout with interactive touch interfaces



Touchscreen Monitor



Industrial Box PC

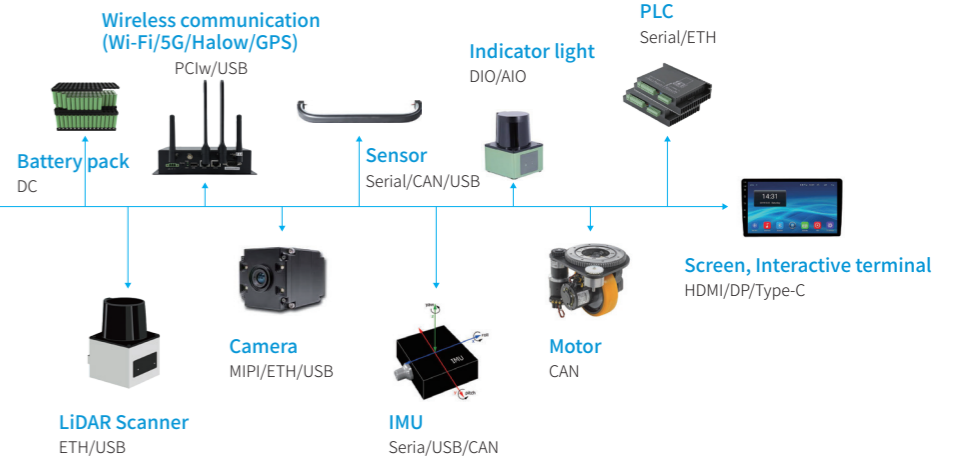
- Vantron TMO series**
- Size ranging from 7" to 27"
 - Open-frame installation: bracket or VESA
 - Front panel IP65-rated
 - Front bezel for true flat installation

- Vantron IBOX66/IBOX6412**
- Quad-core ARM processor/Quad-core x86 processor
 - 1-2 x HDMI Type-A, 4K@60Hz
 - 2-5 x USB, 2 x RS485, 2 x RS232/485
 - Wi-Fi/BT/4G/ETH connectivity
 - Android OS, GMS certified/Window IoT/Linux



SERVICE ROBOT CONTROLLER

Enhances precision in robotic delivery and service tasks



Typical Peripherals for Service Robot

Product Introduction

VT-AGV-RK3588J controller is designed for service robot, with outstanding performance and powerful capabilities to meet the automation requirements of vehicles such as standard forklifts and mobile robots.

- High performance:** Rockchip RK3588J octa-core processor with 6 TOPS NPU
- Software support:** Default Ubuntu system, supporting ROS 2 and Codesys Runtime
- Protocol support:** CANOpen, EtherCAT, Modbus
- High reliability:** M12 Ethernet connector, IP65-rated, -20°C to 70°C operating temperature