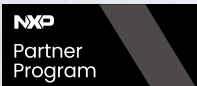




## 2025 Product Catalog

### Your Space, Our Pace: Innovation Driven

Smart Panel PC  
Control Panel  
Pro AV  
KNX  
Digital Signage  
Embedded Boards



MEDIATEK



DESIGN  
AWARD  
2017

DESIGN  
AWARD  
2019

DESIGN  
AWARD  
2020

DESIGN  
AWARD  
2024





## Your Space, Our Pace: Innovation Driven

- 04 Leading the Way in Global Transformation
- 05 Building Trust—One Customer at a Time
- 06 Powered by Agility, Proven by Results
- 08 Industry Solutions
- 10 Achieve Excellence Through Tailored Solutions
- 12 Advanced Technology & Reliability
- 13 Technology Partners
- 14 Strength Meets Sophistication
- 15 Steadfast Support
- 16 Tightly Integrated Design & Manufacturing Service Process
- 17 A Hi-Tech Manufacturing Process That Underscores Your Success Certifications
- 18 Full In-House Design & Engineering Team
- 19 Building the Future With Software
- 20 The Rock-Solid Security Trinity
- 21 Design Awards
- 22 Our Product Lines
  - 24 Smart Panel PC
  - 40 Control Panel
  - 46 Pro AV
  - 52 KNX
  - 54 Digital Signage
  - 66 Embedded Boards
  - 78 Accessories
  - 78 Mounting



# Leading the Way in Global Transformation

Qbic Technology stands at the forefront of intelligent space transformation, delivering high-performance, energy-efficient ARM-based solutions that revolutionize how people interact with their environments. Our expertise spans mechanical and software engineering, Android security system design, and industrial design, enabling us to excel in developing cutting-edge technology for smart offices, retail spaces, educational institutions, and residential automation.

From award-winning space management solutions and digital signage to professional audiovisual systems, Qbic provides comprehensive offerings protected by our Fortress Cyber Security Award-winning Fortify+ solution. As a registered NXP partner trusted by Fortune 500 companies, we ensure rapid time-to-market while maintaining exceptional quality across our portfolio, backed by our Excellence in Customer Service Award-winning support team.



## Qbic Products Present Across Five Continents:

- Asia Pacific
- Latin America
- North America
- Europe
- Middle East & Africa

# Building Trust—One Customer at a Time

We have designed and built advanced devices for a diverse range of Fortune 500 companies including Intel, Microsoft, Sony, Disney, Airbus, McDonald’s, Expedia, BNP Paribas, BP, and Atlantis Dubai among others. Globally branded companies have tried, tested, and trusted the quality of Qbic devices.



**Steve Gray**  
Appspace  
Director of Global Reseller Partnerships

“The Qbic devices are reliable, user-friendly, and boot up effortlessly. Qbic has developed a great product that simply works at an attractive price point.”



**Nathan Thomas**  
RICOH  
RDx Head of Product

“Qbic has flexibility, having different variations for the same device, as we have quite a large workplace platform. And for us, flexibility for the end user is important.”

# Powered by Agility, Proven by Results

At Qbic, we thrive on adaptability, delivering industry-leading solutions that meet and exceed customer expectations. Our agile approach ensures we stay ahead in hardware, software, operations, and customer service in our key areas of expertise.



## Hardware Excellence

Our hardware design excellence has consistently earned international acclaim, validated by multiple iF Design Awards. This legacy of recognition demonstrates our mastery in creating sophisticated solutions that anticipate and exceed user needs across industries, as shown with our most recent award-winning TD-0360 BookBuddy, and industry-first innovations in display and hardware technology.

**Direct Bonded Displays:** Increase the spacing between Direct Bonded Displays and Anti-Microbial Glass

**Anti-Microbial Glass:** Pioneering use of Corning® Gorilla® Glass with anti-microbial properties for hygienic surfaces in high-traffic areas like meeting rooms and healthcare facilities.

**Independent Watchdog:** Industry-leading implementation of watchdog timers for proactive performance monitoring and automatic recovery, ensuring uninterrupted operation.



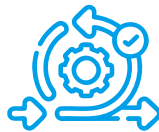
## Software Leadership

Specializing in Android OS and Linux, our software capabilities are built with security and business continuity in mind, providing the robust protection modern enterprises require in today's digital landscape. We also prioritize continuous improvement, with a clear roadmap for regular Android OS updates and security enhancements designed to future-proof our customers' investments and safeguard their operations.

**Leading Android Adoption:** Early adoption of the latest Android OS (13/14) for cutting-edge features, performance, and application compatibility.

**Security First:** By implementing timely security patches and advanced protective features, we safeguard customer data and device integrity, maintaining compliance with global cybersecurity standards.

**Cybersecurity Awards:** Our commitment to security has earned us the prestigious Fortress Cybersecurity Award, validating our ability to deliver devices with fortified defenses against evolving cyber threats.



## Operational Agility

Our operational framework sets new industry standards through advanced inventory management and optimized manufacturing processes. With established global distribution partnerships, we ensure consistent product availability and minimized lead times worldwide. This efficiency enables partners to deploy solutions rapidly without compromising our rigorous quality standards.

**Global Distribution Network:** Partnerships with leading distributors ensure reliable product availability and local support across major markets.

**Quality Assurance:** Comprehensive testing protocols with over 400 software test items and 130 DQA test items ensure exceptional reliability.

**Strategic Production Control:** Sophisticated inventory management and streamlined manufacturing reduce lead times for faster market deployment.



## Customer Success

Our Excellence in Customer Service Award validates our unwavering commitment to customer success. We've built a responsive support infrastructure that combines technical expertise with deep industry knowledge, ensuring our partners receive swift, effective solutions tailored to their unique challenges. This customer-first approach has established Qbic as a trusted long-term partner for businesses worldwide.

**24-Business Hour Response:** Guaranteed rapid response time for technical and operational queries, maximizing system uptime.

**Comprehensive Support:** Expert consultation, tailored Design Manufacturing Services, and integration support across hardware and software solutions.

**Partnership Approach:** End-to-end support from initial planning through deployment and ongoing optimization, ensuring sustained success.



# Industry Solutions

Qbic designs and manufactures applications for these key target markets:

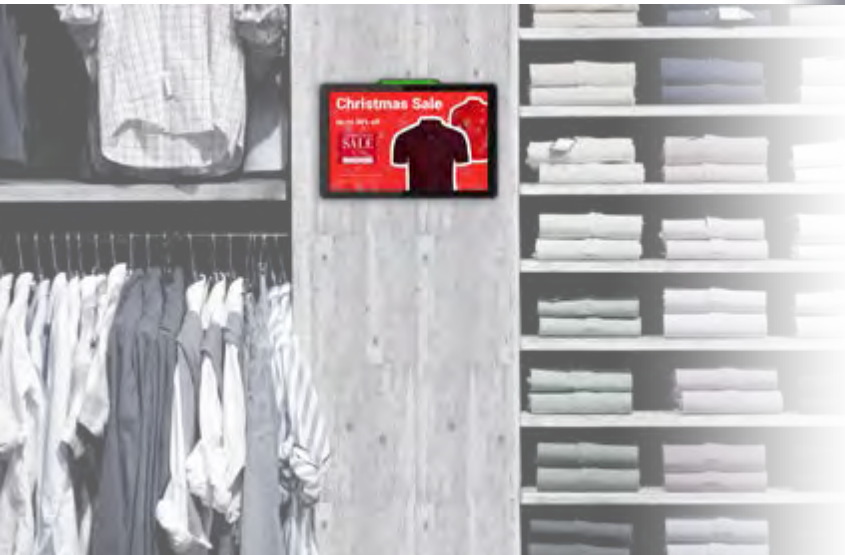


## Office

Transform the workspace experience with our comprehensive suite of smart solutions for the hybrid workplace. From room booking panels and desk management to digital signage, Qbic's technology optimizes office efficiency and enhances workplace communication.

## Residential

Create intelligent and personalized living spaces with our KNX-certified Helinx 8 smart control system. Designed for home automation, it enables intuitive management of lighting, HVAC, security, and entertainment systems.



## Retail

Drive impactful retail experiences with our high-performance digital signage players and interactive smart panels. These solutions empower retailers to transform their spaces with vivid promotional displays, intuitive wayfinding, self-service product exploration, and efficient queue management, converting browsers into loyal customers.



## Education

Create smarter, more connected campuses with technology that simplifies facility management and improves student engagement. Our smart panels simplify space management for classrooms, study areas, and campus facilities, while our digital signage players deliver clear communication and power wayfinding displays across campuses.

## Hospitality

Enhance guest experiences from arrival to departure with Qbic's solutions. Our control panels and digital signage players create personalized, memorable impressions throughout your property, delivering exceptional service from guest rooms to conference room coordination.



## Transportation

Transform traveler experiences with digital signage solutions built for high-traffic environments. Our robust players power displays to deliver crystal-clear wayfinding, real-time updates, and critical announcements—helping transportation hubs maintain smooth operations even during peak times.

## Healthcare

Power efficient, patient-centered care environments with healthcare-optimized technology. Our digital signage players deliver clear wayfinding, queue updates, and nurse station information, while antimicrobial smart panels streamline check-ins—creating spaces that enhance both staff workflow and patient comfort.





# Achieve Excellence Through Tailored Solutions

For decades, companies of all sizes have relied on our Design and Manufacturing Services (DMS) to solve their unique project challenges. We offer comprehensive expertise in designing and deploying a variety of hardware solutions, including Smart Panel PCs, purpose-built boards for advanced edge AI applications, ARM & x86 Digital Signage Players, embedded boards, and kiosks. Our experts work to meet your specific technical and financial needs, ensuring seamless deployment and delivering efficient, cost-effective solutions.

- **Dependable Quality**

Commercial or industrial grade standards with uncompromised quality that are trusted by Fortune 500.

- **Design, Engineering and Aesthetics**

Offering award-winning industrial design (ID), benefiting turnkey projects.

- **Operating Systems**

Qbic offers diverse OS support for Android, Linux

- **Platform Flexibility**

Experienced across multiple platforms ranging from NXP, NVIDIA, MediaTek, Rockchip, AMD, Linux, and more.

- **Extensive Support**

Unwavering support to your project's success by our robust team of in-house development engineers.

- **Production Capacity**

ISO-certified manufacturing plants are equipped to meet global certifications.

- **A Tier 1 Chipset Partner**

Dedicated resource support across major chipset suppliers, ensuring timely support and quality of service.

- **Leading ARM Design and Development Expertise**

Extensive range of ARM-based design and development experience.





# Advanced Technology & Reliability

Qbic is playing a key role in the future of responsive and intelligent ARM-based applications. Our core competency and differentiating expertise lie in our unwavering focus on ARM-based technologies. But our competitive strength is not solely based on hardware. Our software capabilities run just as deep—our Android and Linux expertise is second to none, which includes our approach to security. The result is a rock-solid OS, hardened security, continuous patch support, and supported software updates and service parts availability for extended product longevity.

We have the expertise and the experience to give companies the ability to make significant advances in their respective industries. We maximize your success by reducing your R&D costs and development times and providing customizable options for additional versatility. As an in-house designer and manufacturer, we oversee the entire process from beginning to end and can guarantee quality outcomes. Our expert designers and engineers will shape your ideas into reality and provide professional consultation and follow up service for greater peace of mind.

# Technology Partners

Our solutions leverage and support key technologies from industry leaders such as NXP, MediaTek (MTK), and Texas Instruments (TI), enabling us to deliver advanced capabilities. We understand that our clients want reliable and easy-to-use technology. That's why we are very selective about the partners we choose. We have also been recognized for our excellence in developing technologically based solutions and services which have driven customer success.



## NXP Independent Design House

Qbic is proud to be an **Independent Design House** as a registered partner of NXP. Our expertise with NXP products ensures minimal disruptions to your project’s deployment.



**Support**  
Range of support, from pre-sales to design and technical support



**Mastery**  
Deep knowledge of NXP technological ecosystem



**Agile**  
Accelerated time-to-market



**Capability**  
NXP-approved product design and production capabilities



**Unique**  
NXP-approved product uniqueness and differentiating expertise





# Strength Meets Sophistication

Our devices are not merely instruments—they're steadfast partners designed to navigate the challenging terrains of industrial, commercial, or outdoor environments alongside you. Each piece of equipment is put through its paces, undergoing rigorous testing to guarantee its unmatched performance and ability to withstand all conditions. These extensive assessments cover every possible scenario, from managing background noise in the vibrant outdoors to ensuring effective radio frequency in distant areas. However, ruggedness and performance are not our only focus. Recognized with the iF Design Award, our devices boast of design excellence, elegantly combining form and function to elevate your environment. Through every challenge and change, our devices stand ready as your robust partners, consistently exceeding expectations.

## Built to Survive



High & Low Temp Test



Humidity Test



Altitude Test



Sand and Dust Test



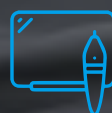
Vibration Test



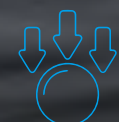
Drop Test



Shock Test



Panel Pressure Test



Ball Drop Test



Tumble Test



Connector Durability Test



Transportation Test



Salt Fog Test



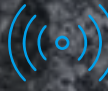
Thermal Test



Noise & Audio Test



Abrasion Test



RED Test



Electromagnetic Compatibility Test



Electrostatic Discharge Test

And More

# Steadfast Support



Companies new to ODM or DMS (Design and Manufacturing Service) can rest easy knowing that no matter the size of your company, we are with you every step of the way. On the journey with us, you can expect seamless integration, a customized product and product development experience that includes ongoing consultation from the very start through to the end and then beyond via our comprehensive technical support program.



As winner of the 2023 Excellence in Customer Service Award presented by the Business Intelligence Group, Qbic's customer-centric culture has been recognized for its dedication to client satisfaction, which is rooted in Qbic's core values and permeates every aspect of the company.

- ✓ Consultation
- ✓ Customization
- ✓ Seamless Integration
- ✓ End-to-End Care

By consistently exceeding customer expectations, Qbic has built long-lasting relationships, earned the trust of its diverse clientele, and reinforced its reputation as a company that genuinely cares about delivering the best possible outcomes for all parties involved.



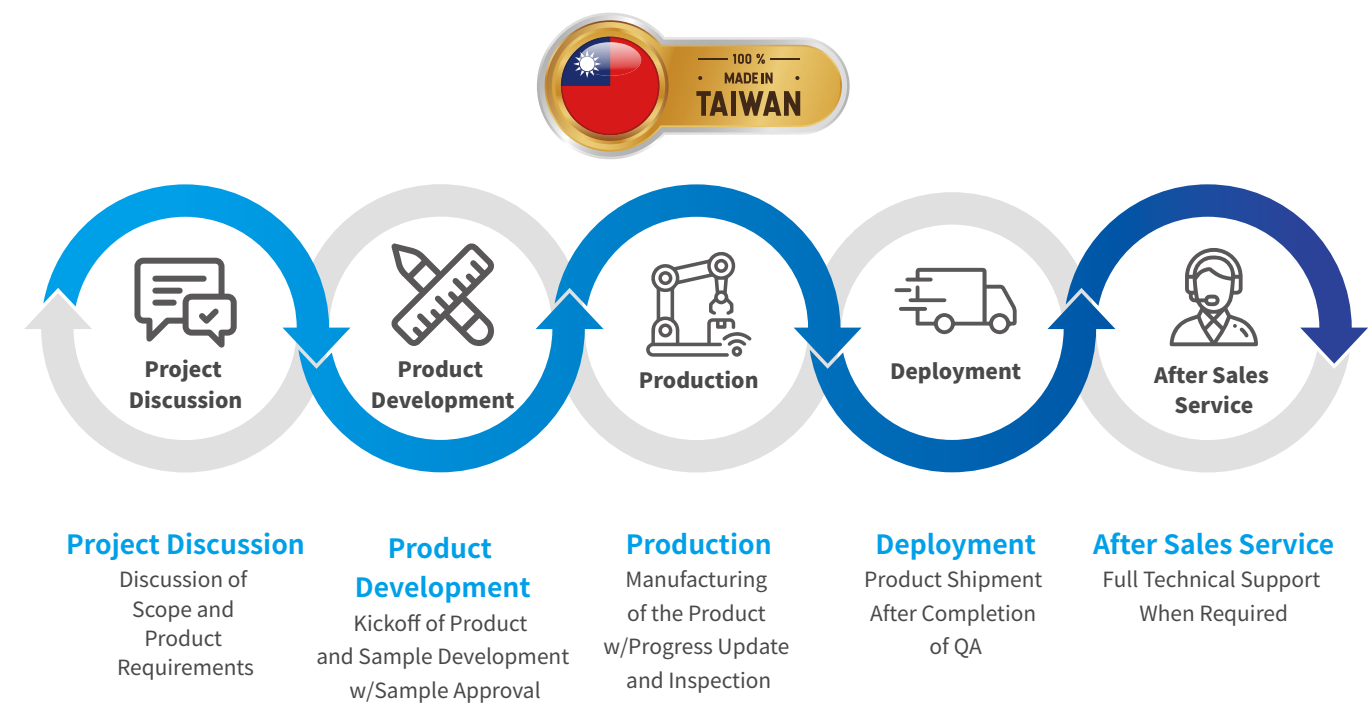


# Tightly Integrated Design & Manufacturing Service Process

Qbic’s frictionless development process takes companies new to ODM from scratch right to the end of their project—and a good way beyond. And on those occasions when the progress of your project may be hard to see, rest assured that we will be transparent in our communications with you in regard to every aspect of the process.

We begin by determining a project’s scope and requirements followed by product sample development which leads into the manufacturing and inspection phase. Following QA, the product is deployed which activates the technical support phase.

## A frictionless and transparent development process for your unique project.



# A Hi-Tech Manufacturing Process That Underscores Your Success

Qbic’s manufacturing processes combine precise engineering with an industrial design sensibility rooted in deep experience that has already earned us several iF Design awards. We practice our craft in a certified manufacturing plant under the auspices of a number of ISO certifications. Our dedicated service team, backed by a team of in-house development engineers, will take your project from scratch through to completion and beyond with our comprehensive after-sales technical support program.

## Certifications

Qbic’s factories have achieved the following ISO certifications for ISO 14001:2015 (Environmental Management System), ISO 9001:2015 (Quality Management), IATF 16949:2016 (Automotive), and ISO 13485:2016 (Medical Devices). We have a track record for adhering to the highest standards and making sure the result we aim for is exactly the result our client wants to see.



ISO 9001 : 2015 ISO 14001 : 2015

ISO 13485 : 2016 IATF 16949 : 2016



# Full In-House Design & Engineering Team

Qbic takes care of all design and engineering. Our engineers have expertise in a diverse range of disciplines, including IoT, AIoT, and Edge computing applications in respect of which we have created a one-stop service model that integrates embedded motherboards, systems, software, as well as customized embedded design elements.

Qbic engineers have designed state-of-the-art devices which have garnered interest from globally branded companies and governmental organizations. Device families, such as TDD-1000 BookBuddy Connect, Luminen, the TD series, and BXP series, have been designed to leverage the latest technologies to address current business and societal challenges. Technologies such as low-power consuming CPU (ARM architecture) to minimize energy usage and an antimicrobial display to manage the post-pandemic workplace, demonstrate Qbic's commitment to their partners. Additionally, Qbic ensures the right technologies are available for the right applications, such as KNX compatibility, hardened enterprise security, Wi-Fi 6 and Bluetooth connectivity, and much more.

Be confident that our experienced design & engineering team will deliver a premium quality device with a transparent experience.

### Electronic Design

Effectively designed electronic layouts and schematics



### Mechanical Design

Tailor-made from form, feature to function

### Software Design

Customized firmware and API tools supports speedy deployment

### Industrial Design

Award-winning Industrial Design team embraces the essence of aesthetics



# Building the Future With Software

Our solutions leverage and support key technologies from industry leaders such as NXP, MediaTek (MTK), and Texas Instruments (TI), enabling us to deliver advanced capabilities. We understand that our clients want reliable and easy-to-use technology. That's why we are very selective about the partners we choose. We have also been recognized for our excellence in developing technologically based solutions and services which have driven customer success.

### Reliable Software System

Rigorous Tests Conducted.  
Inspections: 2x Sampling, 1x Full.  
Software Tests: 6 Categories, 400+ Items.  
DQA: 6 Types, 130+ Items

### OS Upgrades

Rigorously offering timely Android OS versions and patch updates



### Long-Term System Component Support

Essential system components are maintained and upgraded by Qbic

### Fortify+

Our award winning security features protect the system, information, and access simultaneously

### QDK (Quick Development Kit)

Easy-to-use software development kit supporting cross-platform and web app development





# The Rock-Solid Security Trinity

Security design, architecture, and services form Qbic's three-pronged approach to security. Security is, firstly, designed into a product from the get-go. Secondly, the underlying architecture is grounded in Qbic's Award-Winning security, Fortify+, which incorporates a number of interlocking security features based on securing access to hardware and data—this ensures there can be no unauthorized access to firmware to inject malware or unauthorized system updates. Thirdly, all of this happens within an ongoing regime of security maintenance, which includes system updates or security patches delivered via secure tunnels.



## Security Design

**Hardware Security • Code Review & Security Features Test • Penetration/Security Tests**

Qbic Technology not only integrates firmware and software security features into devices. The Qbic Security Design Policy is also imported at the beginning of the product's lifecycle.



## Security Architecture

**Fortify+: Qbic Security Features Set**

In device security, the operating environment, information completeness, and access permission are critical areas hardened by Qbic's award-winning Fortify+ security. Therefore, Qbic designs and develops various security features to simultaneously ensure hardened security in operation, information, and access.



## Security Service

**Customized Security Features • Security Maintenance**

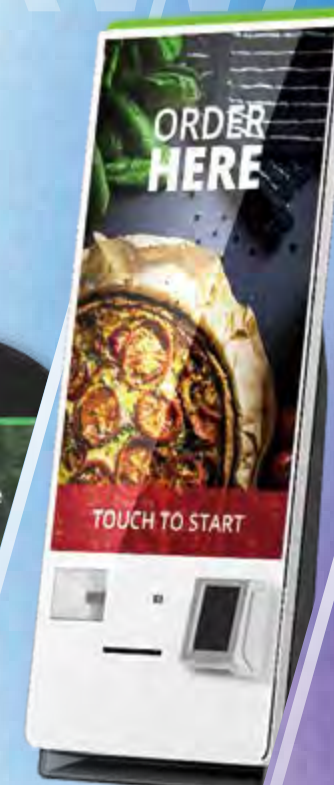
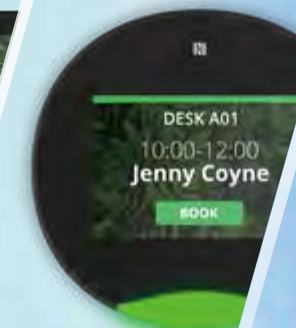
The significant feature of IPC and IoT technologies is the diversity of applications and user scenarios. This situation leads to different security requirements. Qbic understands this need and diligently ensures that organizational security requirements are met.

# Design Awards

Qbic Technology continues to set the standard for design excellence, as evidenced by the 2024 iF Design Award win for the TD-0360 BookBuddy. This latest innovation joins our esteemed portfolio of award-winning products, demonstrating our unwavering focus on creating impactful, user-centric solutions.



# DESIGN AWARD





# Our Product Lines

## Smart Panel PCs



**TD-1070**  
10.1" Touch Panel PC



**TD-1070 Lite**  
10.1" Touch Panel PC



**TD-1060 Slim**  
10.1" Slim Touch Panel PC



**TDD-1000**  
BookBuddy Connect  
Desk Booking Docking Station



**TD-0360**  
3.6" Touch Panel PC



**TD-0350**  
3.5" Touch Panel PC

## Control Panels



**EP-0700**  
7.5" ePaper



**EP-0400**  
4.2" ePaper



**Luminen Pro**  
15" MTK Smart Control



**Luminen Pro**  
10" MTK Smart Control

## Control Panels



**Luminen 15**  
15" Luxury Smart Control



**Luminen 10**  
10" Luxury Smart Control




**Luminen 8**  
8" Luxury Smart Control



**Luminen 5**  
5" Luxury Smart Control

## KNX



**Helinx 8**  
8" KNX Smart Control

## Embedded Boards



**SBC-0870N**  
8" NXP  
Embedded Board



**SBC-1070N**  
10.1" NXP  
Embedded Board



**SBC-1070M**  
10.1" MTK  
Embedded Board

## Digital Signage Players



**BXP-350**  
8K Digital Signage Player



**FHD-200**  
4K Digital Signage Player



**BXP-100**  
4K Compact  
Digital Signage Player



**BXP-300**  
4K Digital Signage Player



**BXP-320**  
4K / GPIO  
Digital Signage Player



**BXP-321**  
4K Out / 1080P In PiP  
Digital Signage Player

## Pro AV



**AVE-100**  
4K60 HDMI over  
IP Encoder



**AVD-100**  
4K60 HDMI over  
IP Decoder



**AVC-100**  
4K60 over  
IP Master Control



**AVS-100**  
4K@60 4x2 Seamless Matrix  
with USB Docking

## OQupancy Manager



**AC-210.EX**  
OQ Hybrid Hub



**AC-211**  
OQ PIR Sensor



**AC-212**  
OQ Indicator Lamp



**OQupancy Manager Kit**

## Accessories



**Stands**



**Mounts**



**Adapters**



**Sensors**



# TD-1070

## Modern Design. Sustainable Room Management.

Designed with a premium feel in mind, the TD-1070 is built with a sleek aerospace-grade aluminum frame that seamlessly blends into your premium space. And with the true color programmable LED light indicator and antimicrobial Corning Gorilla Glass display, this elegant meeting room scheduler is bound to turn heads.

The TD-1070 incorporates several energy-efficient features, including a low-power consuming CPU (ARM architecture), onboard sensors that automatically dim and brighten the screen, and a long product life cycle to minimize total environmental impact.



Aerospace-grade alloy metal chassis



Antimicrobial Corning® Gorilla® Glass



Android 11/12



Energy Saving Function



AI Accelerator Embedded



NFC/RFID



Hi-Definition Mic



Independent Watchdog



Features	
OS	Android 11 / 12 / 14
Touch	Yes, Multi-Touch
NFC/RFID (Optional)	Std. Version (13.56MHz) Opt.: H Version, (Embedded Human-Interface-Device) (13.56M&125KHz)
Memory	2GB LPDDR4
Storage	32GB eMMC
Video decoder	H264 / H265,VC-1, MPEG-4, VP9
Image Codecs	JPEG/BMP/GIF/PNG
Audio Codecs	MPEG/OGG/AAC
CPU	ARM Quad-Core Cortex A55 64-bit up to 2.0GHz
PoE	PoE+ (25W)
Beacon (BLE)(Optional)	Yes
Microphone	2 (Noise Reduction & Auto Echo Cancellation)
ALS + Proximity Sensor	Yes
WatchDog	Yes, Independent watchdog
Display	
Size	10.1" (85/85/85/85)
Resolution	1920 x 1200(FHD)
Contrast	1000:1
Brightness	430 nits
I/O Interface	
Ethernet	1 x RJ45 (10M/100M/1000M)
WLAN(Optional)	802.11 b/g/n/ac
USB	2 x USB2.0 Type A/ 1 x USB3.0 Type C (w/ ADB)
Analog Stereo out	1 x 3.5mm stereo (Mic-in & Audio-out)
Expansion Storage	1 x Micro SDHC / SDXC slot
Speaker	2W x 2
Camera	1 x 8MP with HDR
Mechanical & Environment	
Dimensions (WxDxH)(Without stand)	242.9 x 173.4 x 20.5 (mm) / 9.6 x 6.8 x 0.81 (inch)
Mounting	Glass / Surface / Recessed
Housing	Plastic & Metal Alloy
Environment	Operating Temp. 0~50°C



# TD-1070 Lite

## Space Management & Digital Signage Panel

Unlock the potential of your workspace with the TD-1070 Lite. Equipped with essential space management capabilities, this powerful device empowers your team to effortlessly coordinate meetings, focusing their energy on what matters most – driving productivity and success.



Android 12



10.1"  
1920 x 1200



Dynamic  
Status LEDs



RFID (NFC) &  
Apple Wallet



POE+



WiFi 5 &  
802.1X



AI Accelerator  
Embedded



Independent  
Watchdog



Features	
OS	Android 12 / 14
Touch	Yes, Multi touch AF Direct-Bonding, Hardness: 7H
NFC/RFID	Option 1: Std. Version (13.56MHz) Option 2: H Version, (Embedded Human-Interface-Device) (13.56M&125KHz) Option 3 : O Version, Apple wallet compatible (13.56M&125KHz)
Memory	2GB LPDDR4
Storage	32GB eMMC
Video decoder	H264 / H265,VC-1, MPEG-4, VP9/VP8
Image codecs	JPEG/BMP/GIF/PNG
Audio codecs	MPEG/OGG/AAC
CPU	ARM Quad-core Cortex-A55 up to 2.0GHz (64 bit)
PoE	PoE+ (25W)
Beacon (BLE)	Yes
WatchDog	Yes, Independent watchdog
LED indicator	2 side-bar
Display	
Size	10.1" (85/85/85/85)
Resolution	1920 x 1200 (FHD)
Contrast	1000:1
Brightness	430 nits
I/O Interface	
Ethernet	1 x RJ45 (10M/100M/1000M) (PoE+)
WLAN	802.11 a/b/g/n/ac, WiFi 5 (Option)
USB	2 x USB2.0 type A/ 1 x USB3.0 type C (w/ ADB)
Analog Stereo out	1 x 3.5mm stereo (MIC-In & Audio-out)
Expansion storage	1 x Micro SDHC/SDXC slot
Speaker	2W x 2
Mechanical & Environment	
Dimension (WxDxH)(Without stand)	242.9 x 173.9 x 21.15 mm
Mounting	Glass / Surface / Recessed
Housing	PC+ABS
Environment	Operating Temp. 0~50°C
Certification	
Certification	CE/UKCA/FCC/IC/CB



# TD-1060 Slim

Lightweight, Slim, and Built to Last.  
Digital Signage | Room Booking System | POS | Interactive Platform

Qbic’s TD-1060 Slim space management system is the perfect complement to any workplace, retail, or professional location requiring a top-tier solution with a minimal footprint.



- 

10.1"  
1280 x 800
- 

Android 10/12
- 

Small  
Form Factor
- 

Multi-Touch  
Screen
- 

Dual 2W  
Speakers
- 

64-bit  
Processor
- 

POE+
- 

Independent  
Watchdog
- 

Landscape  
Portrait



Features	
Programming API	HTML5 / SMIL / Android API
PoE+	Yes
Beacon (BLE)	Optional
Light Bar	Front LED
System	
OS	Android 12 / 14
CPU	ARM Octa-Core 64-bit 1.5GHz
Memory	2GB DDR3L
Storage	16GB eMMC
Video Decoder	H.264 / H.265,VC-1, MPEG-4, VP8
Image Codecs	JPEG/BMP/GIF/PNG
Audio Codecs	MPEG/OGG/ACC
Media	
Speaker	2W x 2
Display	
Size (inch)	10.1"
Display Resolution	1280 x 800 (16:10)
Brightness	350 nits
Contrast Ratio	1000:1
Touch	Yes (Multi-Touch)
Viewing Angle (H/V)	170° / 170°
Orientation Display	Landscape / Portrait
I/O Interface ( External )	
Ethernet	1 x RJ45 (10M/100M)
DC Input	Yes
USB 2.0	2 x USB2.0 type A
Audio out / microphone combo jack	1 x 3.5mm stereo (TRRS Type OMTP)
ADB	1 x Micro USB (ADB)
Storage Expansion	1 x Micro SDHC slot (Support up to 128Gb)
Reset Button	Yes
Power Button	Yes
Connectivity	
WLAN	Opt.: WLAN 802.11b/g/n/ac, 2.4 GHz/5GHz
Power	
Input Voltage (V)	DC 12V
Mechanical	
Dimensions (WxDxH) (mm / inch)	248 x 166 x 20.8 (mm) / 9.76 x 6.54 x 0.82 (inch)
Net. Weight (Gm / Lb)	615g / 1.375lbs
Mounting Type	Glass / Surface
Material	Plastic
Environment	
Operating Temperature (°C /°F)	Operating Temp. 0~50°C (32°F to 122°F)
Storage Temperature (package included) (°C /°F)	Storage Temp. -20°C to 70°C (-4°F to 158°F)
Ambient Relative Humidity	Humidity: 10% to 90% (non-condensing)
Certification & Safety	
Certification	CE / FCC / BSMI / NCC / IMDA / RoHS
Warranty	
Warranty Period	1 yr
Accessory	
Adapter	Opt.: DC 12V, 1.5A AC-00M(EN) / AC-00N(UK) / AC-00O(US) / AC-00G(SG)
Bracket Kit	Opt.: Screws x1, Bracket x1, Adhesive Tape x1
I/O Cover	Yes
Screw	Yes
QSG	Yes



# TDD-1000

# BookBuddy

# Connect

## Desk Booking Docking Station

Unlock seamless productivity with the TDD-1000—the innovative Desk Booking Docking Station revolutionizing modern offices. Instantly book your desk with a tap of your smartphone or ID, and seamlessly connect all your devices in seconds. With 100W fast charging for laptop and support for dual 4K displays, the TDD-1000 fuses effortless desk booking with advanced docking capabilities, creating a workspace that's as dynamic and high-performing as you are.



BYOD Ready



3.9" Multi-Touch Display



Dynamic Status LEDs



RFID (NFC)



Dual 4K Display Support



10Gbps SuperSpeed USB Ports



100W Fast Charging



Secure Cable Design



System	
OS	Android 13
CPU	i.MX8M Nano
GPU	3D GPU
Memory	2GB
Storage	16GB eMMC
LED Indicator	1 x U-shape
Mechanical & Environment	
Dimension	215.5 mm x 163.5 mm x 76.36 mm
Weight	780g
Operating Environment	Temp. 0-40 °C Humidity 30-80% (without condensation)
Storage Environment	Temp. -10-70 °C
Kensington Lock	Yes
Display	
Size(Inch)	3.9", direct-bonding touch
Display Resolution	480x480
Color	16.7M
Viewing angle (H/V)	170/170 degree
Brightness	400 nits
Orientation display	Landscape
Connectivity	
WLAN	WIFI 5
Bluetooth	5.0
Sensor	Ambient Light Sensor
NFC / RFID	Opt.1: 13.56MHz Opt.2: 13.56MHz & 125KHz (Ver. H) Opt.3: 15W (Max.) wireless charger
Front IO	
USB 3.2 Type C	X2
USB 3.0 Type A	X1
Rear IO	
USB 3.2 Type C	X1, laptop connection, up to 100 watt charging X1, 7.5W
USB 2.0 Type A	X2
Micro USB	X1, ADB function
HDMI 2.0	X1
Display port 1.4	X1
LAN RJ45 port	X1, Gigabyte
Power input	X1, DC Jack (19V~21V)
Warranty	
Warranty Period	1 year
Accessory	
180W Power Adapter	X1
USB Type C to USB type C cable	USB Type C to USB type C cable for laptop



# TD-0360

# BookBuddy



## Desk Booking Smart Panel

In a world where hybrid workspaces are the norm, desk booking becomes more than just a task—it's a strategy. Our sleek device, with its small form factor, transforms challenges into seamless processes. No more searching in vain or grappling with inefficiencies; reap the rewards with the industry's latest Android OS, a vivid multi-touch display, dual-band WiFi support, and enterprise security. Dive into an era where technology meets practicality.



Android 12



3.6" Multi-Touch Display



Splash Resistant



WiFi 5 & B02.1X



Dynamic Status LEDs



RFID (NFC) & Apple Wallet



Fortify+ Security



Flex-Mount & Cabling



System	
OS	Android 12 / 14
CPU	Quad-Core ARM Cortex-A35
GPU	Mali-G31 MP2
Memory	2GB
Storage	16GB eMMC
NFC / RFID	Opt.1: 13.56MHz Opt.2: 13.56MHz & 125KHz (Ver. H) Opt.3: Apple wallet compatible (Ver. O)
Video decoder	H.265,H.264,VC-1, MPEG-1/2/4, VP8
Image codecs	JPEG/PNG (Max. 1920 x 1080)
Display	
Size(inch)	3.6", on-cell Multi-Touch
Display Resolution	480 x 480
Color	16.7M
Viewing angle (H/V)	170/170 degree
Brightness	350 nits
Orientation display	Landscape / Portrait
I/O Interface ( External )	
USB type C	x1, Power-In
Micro USB	x1, ADB function
LED light indicator	x2, 256 colors(1 x front, 1 x rear)
Power & Connectivity	
RF communication	WiFi 5
Power input	5V/2A
Dimension (WxDxH) (mm / inch) (Estimated)	90 mm x 90 mm x 13mm (3.54"x 3.54" x 0.51")
Mechanical	
Net. Weight (Estimated)	130g
Weight with packing (Estimated)	180g
Mounting type	Glass / Surface / Wall
Material	PC
Environment	
Operating Temperature(°C)	0~40°C
Storage Temperature (package included) (°C)	-20°C to 60°C
Ambient Relative Humidity	0 to 90% (non-condensing)
Certification & Safety	
Certification	CE/UKCA/FCC/IMDA/CB
Green	RoHS / REACH
Warranty	
Warranty Period	1 year
Screw	Yes
Accessory	
Bracket	Yes
Tape	Yes
QSG	Yes
Desktop stand	Optional



# TD-0350

## The Contemporary Art of Desk Booking 3.5" Desk Booking Panel PC

A simple and elegant desk booking panel pc that enables real-time space booking for shared desks, spaces and amenities across business or leisure facilities. The TD-0350 increases space utilization and optimizes efficiency with a small form factor.

-   
NFC
-   
Multi touch
-   
3.5" LCD screen
-   
Noise reduction mic.
-   
Internal speaker
-   
WiFi
-   
Status LED lights
-   
180° orientation
-   
Tamper proof
-   
Water resistant
-   
RFID (NFC) card reader



Tech Specs	
Processor	ARM Quad-Core 1.6GHz
OS	Android 5.1/ 7.1
API	HTML5 / Android API
Memory	1GB DDR3L
Storage	8GB eMMC
Display	3.5", 480 x 320, Multi-Touch, 350 nits
RFID	Std. Version (13.56MHz) Opt.: H Version, (Embedded Human-Interface-Device) (13.56M&125KHz)
Network	WLAN 802.11 b/g/n, Single-Band 2.4GHz
I/O port	1 x Micro USB for Power-in 1 x Micro USB for ADB / OTG 1 x Micro USB for Host
Dimensions	122 x 116 x 13 (mm) / 4.8 x 4.5 x 0.5 (inch)
Operating Temp.	0~50°C
Certification	CE / FCC / RoHS / CB / BSMI / RCM / VCCI





# EP-0400

## An Ecofriendly and Long Lasting Desk Booking Solution

Featuring our #1 long-lasting desk booking device,the EP-0400. This small form factored device is built with an ultra-low power epaper display, and offers frictionless integration onto your desks while not costing a fortune.



3-Year Battery Life



Ultra Low Power



Small Form Factor



Reduced Eye Fatigue



Wide viewing angle



Frictionless Integration



Low Total Cost of Ownership



Display	
Size (inch)	4.2", ePaper
Display Resolution	400 x 300
Color	Black-White-Red
Viewing Angle (H / V)	178 / 178 degrees
Orientation Display	Landscape / Portrait
I/O Interface ( External )	
Reset Button	x1
Programmable Button	x3
LED Light Indicator	X1, Green / Red / Orange / Blue
Power & Connectivity	
RF Communication	Bluetooth Low Energy 5.0
Power Input	4 x CR2450
Battery Life	3 years ( 5 times refresh / day)
Mechanical	
Dimensions (WxDxH) (mm / inch) (Estimated)	98 x 85 x 11.2 (mm) / 3.86 x 3.35 x 0.44 (inch)
Net. Weight (Estimated)	100g
Weight (Estimated)	150g
Mounting Type	Glass / Surface
Material	Plastic
Environment	
Operating Temperature(°C)	0~40°C
Storage Temperature (package included) (°C)	-20C to 60°C
Ambient Relative Humidity	0 to 90% (non-condensing)
Certification & Safety	
Certification	CE / UKCA / FCC / BSMI / NCC / CB
Green	RoHS 3.0
Warranty	
Warranty Period	1 year
Accessory	
Screw	Optional
Bracket	Optional
Mounting Adhesive Tape	Optional
QSG	Yes
Desktop Stand	Optional

# EP-0700

## Invest in Sustainability. Invest in Efficient Room Booking.

Leave it and forget it. The EP-0700 is a long-lasting room-booking device that seamlessly blends into your office decor. This thin and lightweight device is built with sustainability and ultra-low power consumption in mind. It offers a high contrast and wide viewing angle while allowing for a cableless integration into your office.



3-Year  
Battery Life



Ultra Low  
Power



Small Form  
Factor



Reduced Eye  
Fatigue



Wide viewing  
angle



Frictionless  
Integration



Low Total Cost of  
Ownership



Display	
Size(inch)	7.5", ePaper
Display Resolution	800 x 480
Color	Black-White-Red
Viewing Angle (H / V)	178 / 178 degrees
Orientation Display	Landscape / Portrait
I/O Interface ( External )	
Reset Button	x1
Programmable Button	x3
LED Light Indicator	x1, Green / Red / Orange / Blue
Power & Connectivity	
RF communication	Bluetooth Low Energy 5.0
Power Input	6 x CR2450
Battery Life	3 years ( 5 times refresh / day)
Mechanical	
Dimensions (WxDxH) (mm / inch) (Estimated)	182 x 122 x 11.6 (mm) / 7.16 x 4.8 x 0.46 (inch)
Net. Weight (Estimated)	250g
Weight (Estimated)	300g
Mounting Type	Glass / Surface
Material	Plastic
Environment	
Operating Temperature(°C)	0~40°C
Storage Temperature (package included) (°C)	-20C to 60°C
Ambient Relative Humidity	0 to 90% (non-condensing)
Certification & Safety	
Certification	CE / UKCA / FCC / BSMI / NCC / CB
Green	RoHS 3.0
Warranty	
Warranty Period	1 year
Accessory	
Screw	Optional
Bracket	Optional
Mounting Adhesive Tape	Optional
QSG	Yes
Desktop Stand	Optional



# Luminen Pro

## Smart Control Modern Design. Enhanced Performance.

Take control of your connected space with the enhanced Luminen Pro series. This premium smart control brings together superior performance and elegant design, ensuring fluid control of room settings and entertainment features. Experience a new level of responsive automation that complements your sophisticated space.



	HC-1070M	HC-1570M
System		
CPU Processor	MediaTek Genio 510, ARM 6nm Hexa-core Processor-2*A78/4*A55.	MediaTek Genio 510, ARM 6nm Hexa-core Processor-2*A78/4*A55.
Memory	LPDDR4, 4GB	LPDDR4, 4GB
Storage	32GB eMMC (16GB eMMC optional)	32GB eMMC (16GB eMMC optional)
OS Support	Android 13 or Linux Yocto	Android 13 or Linux Yocto
Ethernet		
	10/100/1000M	10/100/1000M
WLAN Connectivity		
	Wi-Fi 6, 802.11 a/b/g/n/ac/ax+BT 5.2	Wi-Fi 6, 802.11 a/b/g/n/ac/ax+BT 5.2
PoE		
	PoE 802.3at	PoE 802.3at
Display		
Panel Size	10.1"	15.6"
Panel Orientation	Landscape	Landscape
Display Resolution	1920x 1200	1920x 1080
Brightness (minimal)	>350 cd/m2 (with touch)	>350 cd/m2 (with touch)
Contrast Ratio	800:1	800:1
Touch	Multi-touch (PCAP), up to 10 points	Multi-touch (PCAP), up to 10 points
Proximity sensor		
	ALS +Prox.	ALS +Prox.
LED Bar		
	2 (Left/Right)	2 (Left/Right)
Speaker		
	built-in, 2x 1.5W	built-in, 2x 1.5W
Microphones		
	built-in, 2	built-in, 2
Camera		
	1x 13MP, FF, 4K/15 fps (Optional)	1x 13MP, 4K/15 fps (Optional)
NFC		
	NFC peer to peer mode (13.56MHz)	NFC peer to peer mode (13.56MHz)
I/O Interface		
USB Port	1x USB Type C (OTG/ADB) ; 1x USB Type A (2.0)	1x USB Type C (OTG/ADB) ; 1x USB Type A (2.0)
Ethernet	1x RJ45 connector with PoE 802.3at	1x RJ45 connector with PoE 802.3at
Button (position)	1. Function Button (Top, flush button) 2. Rescue Button (Top, recessed button) 3. Reset Button (Back, recessed button)	1. Function Button (Top, flush button) 2. Rescue Button (Top, recessed button) 3. Reset Button (Back, recessed button)
KNX	KNX bus connection block (Red/Black), Certified KNX Stack (System B) (Optional)	KNX bus connection block (Red/Black), Certified KNX Stack (System B) (Optional)
RS485	X1 (Optional)	X1 (Optional)
CAN FD	NA	NA
DC Jack	1x DC Jack	1x DC Jack
Power Requirement		
	1x PoE 802.3at 1x DC-in, 12V/2A	1x PoE 802.3at 1x DC-in, 12V/3A
Environment		
Operating Temp.& Humidity	0~40 degrees, 5% to 85%	0~40 degrees, 5% to 85%
Storage Temp.& Humidity	-20~60 degrees, 5% to 90%	-20~60 degrees, 5% to 90%
Mechanical		
Dimension	242.88mm *173.9mm *20.5 mm	373.5mm *243.1mm *26.2 mm
Mounting Type	Wall Mount/Glass mount tabletop	Wall Mount/Glass mount tabletop
Lock Type	Kensington lock	Kensington lock
Accessory	Mounting bracket, Metal stand	Mounting bracket, Metal stand



# Luminen 5 / 8 / 10 / 15

## 3-in-1 Luxury Smart Control

Luminen is a premium, elegantly designed smart controller that seamlessly connects your meeting room AV systems, providing a convenient, user-friendly, and personalized communications experience. Crafted with premium materials, Luminen adds a touch of luxury and style to any room.







Luminen 5		Luminen 8	
Features			
OS	Android 13 / Linux / Yocto BSP		Android 13 / Linux / Yocto BSP
NFC	N/A		NFC (13.56MHz)
Memory	4GB LPDDR4		4GB LPDDR4
Storage	32GB eMMC		32GB eMMC
Video Decoder	H.264 / H.265, VC-1, MPEG-4, VP9/VP8		H.264 / H.265, VC-1, MPEG-4, VP9/VP8
Image Codecs	JPEG / BMP / GIF / PNG		JPEG / BMP / GIF / PNG
Audio Codecs	MPEG / OGG / AAC		MPEG / OGG / AAC
CPU	ARM Quad-Core Cortex A53 64-bit up to 1.8GHz		ARM Quad-Core Cortex A53 64-bit up to 1.8GHz
NPU	Neural Processing Unit (NPU) 2.3TOPS		Neural Processing Unit (NPU) 2.3TOPS
PoE	PoE, 802.3af compliant		PoE, 802.3af compliant
Beacon (BLE)	Yes		Yes
Microphone	Dual microphones		Dual microphones
Sensor	Ambient light sensor, Proximity sensor		Ambient light sensor, Proximity sensor
Display			
Size	5.5" (IPS)		8" (IPS)
Resolution	720x1280 (portrait mode)		1280x800
Brightness	≤ 300 nits		≤ 300 nits
Touch	Yes, multi-touch		Yes, Multi touch
I/O Interface			
WLAN	802.11 a/b/g/n/ac/ax		802.11 a/b/g/n/ac/ax
Bluetooth	BT 5.0		BT 5.0
USB	1x USB Micro AB, USB OTG		1x USB Micro AB, USB OTG
Speaker	1Wx1		1Wx2
Camera	N/A		1x 5MP Fixed-Focus
Ethernet	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)		1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)
Control Interface			
Serial Port	RS485		RS485
Dimensions (WxHxD) (Full depth)	80.8 x 143.4 x 12.5(24.8) mm 3.18 x 5.65 x 0.5(1.05) inch		213.2 x 127.6 x 13.5(27.5) mm 8.4 x5.02 x0.53(1.08) inch
Mechanical & Environment			
Mounting	One-gang mount		One-gang mount, Tabletop
Housing	Plastic & Aluminum Alloy		Plastic & Aluminum Alloy
Environment	Operating Temp. 0~40°C 32-104 °F		Operating Temp. 0~40°C 32-104 °F



Luminen 10		Luminen 15
Features		
OS	Android 13 / Linux / Yocto BSP	Android 13 / Linux / Yocto BSP
NFC	NFC (13.56MHz)	NFC (13.56MHz)
Memory	4GB LPDDR4	4GB LPDDR4
Storage	32GB eMMC	32GB eMMC
Video Decoder	H.264 / H.265, VC-1, MPEG-4, VP9/VP8	H.264 / H.265, VC-1, MPEG-4, VP9/VP8
Image Codecs	JPEG / BMP / GIF / PNG	JPEG / BMP / GIF / PNG
Audio Codecs	MPEG / OGG / AAC	MPEG / OGG / AAC
CPU	ARM Quad-Core Cortex A53 64-bit up to 1.8GHz	ARM Quad-Core Cortex A53 64-bit up to 1.8GHz
NPU	Neural Processing Unit (NPU)2.3TOPS	Neural Processing Unit (NPU)2.3TOPS
PoE	PoE, 802.3af/at compliant	PoE, 802.3at compliant
Beacon (BLE)	Yes	Yes
Microphone	Dual microphones	Dual microphones
Sensor	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor
Display		
Size	10.1" (IPS)	15.6" (IPS)
Resolution	1920x1200	1920x1080
Brightness	≤ 350 nits	≤ 350 nits
Touch	Yes, Multi touch	Yes, Multi touch
I/O Interface		
WLAN	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax
Bluetooth	BT 5.0	BT 5.0
USB	1x USB 3.0 A, USB Type-C for adb	1x USB 3.0 A, USB Type-C for adb
Speaker	1Wx2	1Wx2
Camera	1x 5MP Fixed-Focus	1x 5MP Fixed-Focus
Ethernet	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)
Control Interface		
Serial Port	N/A	N/A
Dimensions (WxHxD) (Full depth)	241.9 x 173.4 x 20.8 mm 9.52 x 6.82 x 0.81 inch	373.5 x 243.1 x 26.2 mm 14.7 x 9.57 x 1.03 inch
Mechanical & Environment		
Mounting	One-gang, Tabletop, Surface & glass mount	Surface & glass mount, Tabletop
Housing	Plastic & Mg-Al Alloy	Plastic & Aluminum Alloy
Environment	Operating Temp. 0~40°C 32-104 °F	Operating Temp. 0~40°C 32-104 °F



# AVE-100/AVD-100

## 4K60 HDMI over IP Encoder/ Decoder

The AVE-100 encoder and AVD-100 decoder are engineered for exceptional AV-over-IP performance. Experience reliable 4K streaming with minimal latency, guaranteeing pristine high-quality content delivery. This powerful duo provides a robust solution for demanding ProAV environments.

Dante Ready™



AVE-100		AVD-100	
Video			
Input max. resolution	4096x2160p@60	Input max. resolution	4096x2160p@60
max. resolution	4096x2160p@60	Output max. resolution	4096x2160p@60
Audio			
HDMI	LPCM 8 Ch	HDMI	LPCM 8 Ch
Line In/Out	LPCM 2 Ch	Line Out	LPCM 2 Ch
Interface			
Input Port	1 x HDMI (Type-A) 1 x Stereo Audio (3.5mm)	Input Port	1 x Mono Audio (3.5mm)
Output Port	1 x HDMI (Type-A) 1 x Mono Audio (3.5mm)	Output Port	1 x HDMI (Type-A) 1 x Stereo Audio (3.5mm)
Input/Control Port	1 x GbE LAN (RJ-45)	Input/Control Port	1 x GbE LAN (RJ-45)
Pass-through Port	1 x IR Extender (3.5mm) 1 x IR Blaster (3.5mm) 1 x RS-232 (Type-C) 1 x USB 2.0 (Type-A)	Pass-through Port	1 x IR Extender (3.5mm) 1 x IR Blaster (3.5mm) 1 x RS-232 (Type-C) 3 x USB 2.0 (Type-A)
Physical Properties			
Dimensions (WxHxD)	231.5mm x 25mm x 120mm (All inclusive)	Dimensions (WxHxD)	231.5mm x 25mm x 120mm (All inclusive)
Weight	660g	Weight	660g



# AVC-100

## 4K60 over IP Master Control

Take command of your ProAV setup with the AVC-100 controller. This advanced tool delivers comprehensive system management, ensuring seamless operation of all your devices. Elevate your control capabilities with this versatile, reliable, and easy-to-use solution.



Interface	
Output Port	1 x HDMI (Type-A)
Control I/O	1 x IR Extender (3.5mm) 1 x RS-232 (3-pin Terminal Block) 8 x Trigger (10-pin Terminal Block) 1 x USB (Type-A) 2 x LAN (RJ-45)
Reserved Port	1 x RS-232 (5-pin Terminal Block)
Video	
HDMI Compliance	1.4
Output Signal Type	1920x1080p@60
Maximum Output (HDMI)	1920x1080p@60
Power	
Power Supply	5V/2.6A DC (Locking)
Power Consumption	2.99W
Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (WxHxD)	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×117mm [All Inclusive]
Weight	648g



# AVS-100

## 4K@60 4x2 Seamless Matrix with USB Docking

Experience versatile and seamless AV connectivity with the AVS-100 matrix. Enjoy superior switching of 4K video, audio, and USB signals, ensuring optimal signal integrity and effortless routing. Elevate your system with unmatched performance and control.



Interface	
Input Port	2 x HDMI(Type-A) 2 x USB(Type-C)
Output Port	2 x HDMI(Type-A) 2 x Stereo Audio (3.5mm)
Control I/O	1 x RS-232 (3-pin Terminal Block)
Pass-through Port	2 x USB(Type-B) 2 x USB (Type-A) 2 x USB(Type-A) 1 x LAN (RJ-45)
Service Port	1 x USB (Type-A) *Combined with USB of Keyboard
USB	
Input Port	-
Type	Type-C
Generation	USB3.2 Gen1
Transfer Rate	5Gbps
Pass-throughPort	-
Type	Type-A
Generation	2 x USB3.2 Gen1 2 x USB2.0
Transfer Rate	5Gbps (USB3.2 Gen1) 480Mbps (USB2.0)
Type	Type-B
Generation	2 USB3.2 Gen1
Transfer Rate	5Gbps
Video	
HDMI Compliance	2.0 (DVI 1.0)
HDCP Compliance	2.2
Input Signal Types	4K@60 8bit YUV/RGB 4:4:4
Output SignalTypes	4K@60 8bit YUV/RGB 4:4:4
Maximum Input(HDMI)	4096×2160p@60 2560×1600p@60RB
Maximum Output (HDMI)	4096×2160p@60
Audio	
HDMI	LPCM (2 channel, 48kHz) Dolby Digital pass-through DTS 5.1 channel pass-through
Power	
Power Supply	24V/7.5A
Power Consumption	140W
Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions(WxHxD)	213.5mm×44mm×158mm [Case Only] 231.5mm×49mm×163mm [All Inclusive]
Weight	1270g



# Helinx 8 Smart Control



**KNX Smart Control**  
**Live Better. Embrace Luxury.**

Transform your living space into a haven of comfort, convenience, and safety with the Helinx 8 Smart Home Control. This sleek, 8-inch device features a gorgeous, highly responsive touch screen display that not only integrates seamlessly with your KNX-enabled smart home ecosystem but also empowers you to safely manage and personalize your living environment, ensuring a secure and tailored experience.



KNX TP Stack system



IP Gateway



WiFi 6E



GPIO Control-Digital/Analog In



Ambient Mood Lights



Antimicrobial Coming Gorilla Glass



Superb Speakers



Ambient Light Sensor



System	
CPU Processor	i.MX8M Plus Quad Core A53
Memory	LPDDR4, 4GB (Optional, 2GB)
Storage	32GB eMMC (Optional, 16GB eMMC)
OS Support	Android 13 or Linux Yocto
Ethernet	10/100/1000M
WLAN Connectivity	
Wi-Fi 6, 802.11 a/b/g/n/ac/ax +BT 5.0	
PoE	
PoE 802.3af	
Display	
Panel Size	8"
Panel Orientation	Landscape
Display Resolution	1280x 800
Brightness (minimal)	300 cd/m² (with touch)
Contrast Ratio	800:1
Touch	5 points, multi-touch (PCAP)
Sensor	
ALS +Prox.	
LED Bar	
2 (Left/Right)	
Speaker	
built-in, 2x 1W	
Microphones	
Dual microphones	
Camera	
1x 5MP, FF (Optional)	
NFC	
NFC (13.56MHz) (Optional)	
I/O Interface	
USB Port	1x Micro USB 1x Type C USB3.0 (OTG)
Ethernet	1x RJ45 connector with PoE 802.3af
Button (position)	1. Function Button (Top, flush button) 2. Rescue Button (Top, recessed button) 3. Reset Button (Back, recessed button)
KNX	KNX bus connection block (RED/Black), Certified KNX Stack (System B)
Analog input port	X1
Digital input port	X1
DC terminal port	1x DC port 12V/1.5A ~ 24V/0.75A
Power Requirement	
1x PoE 802.3af & PoE 802.3at (compatible) 1x DC-in, 12V/1.5A ~ 24V/0.75A	
Environment	
Operating Temp.& Humidity	0~40 degrees, 5% to 85%
Storage Temp.& Humidity	-20~60 degrees, 5% to 90%
Mechanical	
Dimension	127.6(W) x 213.2(L) x 15.4 (H)
Weight	500g
Housing	Plastic rear cover
Front Bezel	Aluminum alloy
Mounting Type	In-Wall Type (one gang)



# FHD-200

## High-Performing Entry-Level Signage Player

Meet the FHD-200: Your key to reliable and constant digital engagement, crafted for entry-level ease without compromising on 4K clarity. Equipped with the latest Android OS, this sleek, compact powerhouse delivers robust, flexible performance tailored to today's digital demands. With its rugged design and security features, the FHD-200 guarantees that your message not only reaches but truly resonates with your audience without fail.



Media	
Video Playback Engine	H.264 4k*2k@60p, H.265 4k*2k@60p, MPEG-1/2/4, VC-1
Display Resolution	4k*2k(3840 x 2160)@60fps
HDMI output	1 x HDMI
HDMI CEC	Yes
Purpose-built Features	
Remote Settings & Configuration	Yes
Scheduled Power On/Off	Yes
Secured Data Connection (SSL/TLS)	Yes
IEEE 802.1X Authentication on WiFi	Yes
IEEE 802.1X Authentication on Ethernet	Yes
Proxy Server	Yes
Fail-Safe Protection / Auto Recovery	Yes
Administrative Password Protection	Yes
APK / Content URL Auto Launch Support	Yes
Presentation / Kiosk Mode Switcher	Yes
Remote Firmware / APK Update (OTA)	Yes
Real-time Clock (RTC)	Yes
Watchdog Timer	Yes, Independent watchdog
Beacon	Yes
Supports Transmitter Mode	Yes
System	
CPU	ARM Quad-Core Cortex A53, 1.5GHz
GPU	Mali-450MP2
Memory	2GB DDR4
Storage	32GB
Independent Watchdog	Yes
Operating System	Android 12
I/O Interface	
Ethernet	1 x RJ45 (10/100 BASE-T)
WLAN	802.11 a/b/g/n/ac, WiFi 5 (optional)
USB	1 x USB 2.0 type A, 1 x USB 3.0 type A
ADB	1 x Micro USB for ADB
HDMI	1 x HDMI Out
Storage Expansion	1 x Micro SDXC slot, Max.:2TB
Power Input	1 x DC Jack
Reset Button	Yes
LED Indicator	Yes
Power	
Power Adapter	DC 5V/2A
Mechanical	
Dimensions (WxDxH)	127 x 65 x 20 (mm)
Mounting	VESA mount kit, 75/75 (mm)
Housing	Metal
Antenna	External antenna (optional)
Environment	
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Certification	
Certification	CE/UKCA/FCC/CB



# BXP-350

## Premium 8K Digital Signage Player

Immerse yourself in unparalleled clarity with the BXP-350's fluid 8K/60 FPS video playback, where each frame on your digital signage is brought to life with razor-sharp, visually captivating detail. Designed for the demanding needs of modern digital signage, the BXP-350 supports both mirrored and extended video wall configurations across three 4K displays using its two HDMI ports and a USB-C port (HDMI adapter required) to either duplicate content on all screens or combine them into a single, unified display surface. Engineered with future-proof technology for reliable 24/7 performance, the BXP-350 delivers power and flexibility in a sleek design.



System	
Operating System	Android 12 / Android 14
CPU	ARM Quad-Core A76 + Quad-Core A55, 64-bit 2.4GHz
NPU	6 TOPs @ Int8
GPU	Mali-G610 MC4
Memory	8GB
Storage	128GB eMMC
Watchdog	Support
Media	
Video Decoding	8K@60fps H.265, VP9, AVS2, 8K@30fps H.264
Video Encoding	8K@30fps H.264/H.265
Video Output	
Video	Support WMV, AVI, FLV, RM, RMVB, MPEG, TS, MP4.
Photo	Support BMP, JPEG, PNG, GIF
I/O Interface	
Ethernet	10/100/1000M
USB 3.0	4 x USB 3.0
USB-C	1 x USB-C for ADB/OTG
Line OUT	1 x Speaker (4 TRRS)
Line IN	1 x Microphone
HDMI output	1 x HDMI 2.1 (7680 x 4320 8K@60fps) 1 x HDMI 2.0 (4K@60fps)
HDMI input	1 x HDMIC-IN (4K@60fps)
External Antenna	2 x 2dB Antenna / 1 x LTE Antenna (optional)
RTC	
RTC Battery	Yes
Button	
Reset Button	1 x Reset Button
OS Upgrade	
OS Upgrade	Upgrade by OTA and USB adapter
Wireless	
WIFI	WLAN 802.11 a/b/g/n/ac/ax (Wi-Fi 6) (optional)
Expansion	
M.2	1 x M.2, Support 4G
COM port	1 x RS232 DB-9 connector (Tx & Rx)
Power	
Power Adapter	DC-12V/3A
Mechanical	
Dimension (WxDxH)	205 x 120 x 27 (mm)
Material	Metal
Mounting	Wall mount
Weight	750g
Environment	
Operating temperature	-10°C to 60°C
Storage temperature	-40°C to 80°C
Certification	
Certification	CE/UKCA/FCC/RoHS

# BXP-100phantom

## Ultra Compact 4k Digital Signage Player

Stun your audience with a vibrant 4k display, while also minimizing the footprint of your device. This small form factored fanless design enables multiple mounting and storage options, changing your business layout and footprint, all the while being friendly to your wallet.



4K Video Support



4K Upscaling



Independent Watchdog



Fanless



Commercial Grade Components



60 FPS



Small Form Factor



Android 12



Media	
Video Playback Engine	H.264 4k*2k@60p, H.265 4k*2k@60p, MPEG-1/2/4, VC-1, AVS, AVS+
Display Resolution	4k*2k(3840 x 2160)@60fps
HDMI Output	1 x HDMI
HDMI CEC	Yes
Purpose-built Features	
Remote Settings & Configuration	Yes
Scheduled Power On/Off	Yes
Secured Data Connection (SSL/TLS)	Yes
IEEE 802.1X Authentication on WiFi	Yes
IEEE 802.1X Authentication on Ethernet	Yes
Proxy Server	Yes
Fail-Safe Protection / Auto Recovery	Yes
Administrative Password Protection	Yes
APK / Content URL Auto Launch Support	Yes
Presentation / Kiosk Mode Switcher	Yes
Remote Firmware / APK Update (OTA)	Yes
Real-time Clock (RTC)	Yes
Watchdog Timer	Yes, watchdog
Beacon	Yes
Supports Transmitter Mode	Yes
System	
CPU	ARM Quad-Core Cortex A53, 1.5GHz
GPU	Mali-450MP2
Auxiliary Audio Out	USB output
Memory	2GB
Storage	32GB
Independent Watchdog	Yes
Operating System	Android 10/12
I/O Interface	
Ethernet	1 x RJ45 (10/100 BASE-T)
WLAN	802.3 11 a/b/g/n/ac
USB	1 x USB 2.0 type A, 1 x USB 3.0 type A
ADB	1 x Micro USB for ADB
HDMI	1 x HDMI
Storage Expansion	1 x Micro SDXC slot, Max.:2TB
Power Input	1 x DC jack
Reset Button	Yes
LED Indicator	Yes
Power	
Power Adapter	DC 5V/2A
Mechanical	
Dimensions (WxDxH)	127 x 66 x 18.5 (mm) / 5 x 2.6 x 0.73 (inch)
Mounting	VESA mount kit, 75/75 (mm)
Environment	
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Certification	CE / FCC / RCM / BSMI / NCC / TELEC / VCCI



# BXP-300

## Ultra Smooth 4K Resolution

Transform your displays into stunning 4K high-res signs with the BXP-300 box PC. This solid-state design features extensive I/O ports for an easy plug-and-play setup, and the flexibility to deliver top-quality display solutions with ease and reliability.



Features	
Programming API	HTML5 / W3C SMIL
Beacon (BLE)	Opt.:Supported
Watchdog	Supported
Security	Administrator Password protected, SSL / TLS, IEEE 802.1X
System	
OS	Android 10 / 12
CPU	ARM Quad-Core 1.8GHz
GPU	Mali-T764
Memory	2GB
Storage	32GB
Video Decoder	H.264 (4K@25p) H.265 (4K@60p)
I/O Interface (External)	
Ethernet	1 x RJ45, 10/100/1000 Gigabit BASE-T
DC Input	1 x DC Jack, 5.5 * 2.5mm
HDMI Out	1 x HDMI 2.0b with CEC 4K UHD, 3840 x 2160 @60fps
Audio Out	1 x 3.5mm (Line Out / Mic)
Digital Stereo Out	1 x S/PDIF
Storage Expansion	1 x Micro SDHC slot
USB 2.0	2 x USB2.0 Type A
USB OTG	1 x Micro USB for ADB
COM Port	1 x RS-232 DB9 (Male) (Tx / Rx / GND)
Reset Button	Yes
Power Status LED	Yes
Kingston Lock	1
Antenna	1 x SMA Connector
Connectivity	
WLAN	Opt.: 802.11 b/g/n
BLE/Beacon	Opt.: Supported 4.0
Input Voltage (V)	DC 12V , 1.5A
Power Consumption (max, W)	18W
Mechanical	
Dimensions (WxDxH) (mm / inch)	165 x 118.5 x 27 (mm) / 6.49 x 4.66 x 1.06 (inch)
Packing Dimensions	270 x 230 x 90 (mm) / 10.63 x 9.06 x 3.54 (inch)
Net. Weight (Gm/Lb)	430g / 0.95 lbs
Weight (Gm/Lb)	1 Kg / 2.2 lbs
Mounting Type	Easy wall mount
Material	Durable Aluminum
Environment	
Operating Temperature(°C /°F)	-40°C to 70°C (-40°F to 158°F)
Storage Temperature (package included) (°C /°F)	-40°C to 80°C (-40°F to 176°F)
Ambient Relative Humidity	5% to 90% (non-condensing)

Certification & Safety	
Certification	CE / FCC / RoHS / BSMI
Warranty	
Warranty Period	2 Years
Accessory	
Adapter	1 x DC Adaptor
Power Cord / Plug	US / AU / UK / EU Plug (Option by Region)
Antenna	1 x dipole antenna 2dbi
Screw	3 x M2
Bracket	1 x DC Cover 2 x HDMI Cover 1 x Micro SD Cover
Tape	2 x Velcro Strip
Cable	1 x HDMI
QSG	1



# BXP-320

## Supercharged Digital Signage Player 4K HDMI Output

Immerse your audience in vivid, lifelike images, or display better-defined images for work that requires insane details. This 4K-UHD HDMI output-ready digital signage player can connect all your peripherals with ease through the extensive I/O ports, phoenix type 12 pin, and 8 configurable GPIO. The small form factor and fanless solid-state design allow the BXP-320 to blend into its environment effortlessly.



Features	
Programming API	HTML5 / W3C SMIL
Advanced Settings	Autorun APK, remote firmware update, remote APK update, schedule On/Off
Video Playback Engine	H.265 4K@60p H.264 4K@30p HTML5*
Beacon (BLE)	Opt.: Supported
Independent Watchdog	Supported
Security	Administrator Password protected, SSL / TLS, IEEE 802.1X
System	
OS	Android 12 / 14 / Debian / Linux
CPU	ARM Dual-Core A72 + Quad-Core A53, 64-bit 1.8GHz
GPU	Mali-T864
Memory	4GB
Storage	32GB
Video Decoder	H.264/AVC @ level 5.1; up to 4Kx2K, 30fps H.265/HEVC @ level 5.1 High-tier; up to 4Kx2K60fps MPEG-4 @L0-5, up to 1080P 60fps VC-1, SP@ML, MP@HL, AP@L0-3, up to 1080P 60fps
Expansion Slot (Internal)	
M.2 Slot	1 x M.2 3042 (B-Key) for 4G module 1 x M.2 2242 (B-Key) for M.2 SSD
Mini PCIe	1 x Mini-SIM Slot (2FF)
I/O Interface (External)	
Ethernet	1 x RJ45, 10/100/1000 Gigabit BASE-T
DC Input	1 x DC Jack, 5.5 * 2.5mm
HDMI Out	1 x HDMI 2.0b with CEC 4K UHD, 3840 x 2160 @60fps
Audio Out	1 x 3.5mm (4-Pole Apple-like)
Storage Expansion	1 x Micro SDHC slot
USB 2.0	1 x USB2.0 Type A
USB Type C	1 x USB3.0 TypeC
USB OTG	1 x Micro USB for OTG
COM Port	1 x 2.5mm phone jack (Tx / Rx / GND)
GPIO	1 x Phoenix type 12 pin, 8 GPIO
Reset Button	Yes
Power Status LED	Yes
Kingston Lock	1
Antenna	2 x 2dB Antenna 1 x LTE Antenna (optional)
Connectivity	
WLAN	Opt.: 802.11 b/g/n
4G LTE	M.2 module
BLE/Beacon	Opt.: Supported 4.0
Input Voltage (V)	DC 12V , 3A
Power Consumption (max, W)	36W

Mechanical	
Dimensions (WxDxH) (mm / inch)	180 x 118 x 27 (mm) / 7.08 x 4.66 x 1.06 (inch)
Packing Dimensions	270 x 230 x 90 (mm) / 10.63 x 9.06 x 3.54 (inch)
Net. Weight (g/lb)	400g / 0.884 lbs
Weight (g/lb)	1.14Kg / 2.51 lbs
Mounting Type	Easy wall mount VESA mount 10x10 cm
Material	Durable Aluminum
Environment	
Operating Temperature(°C /°F)	-40°C to 70°C (-40°F to 158°F)
Storage Temperature (package included) (°C /°F)	-40°C to 80°C (-40°F to 176°F)
Ambient Relative Humidity	5% to 90% (non-condensing)
Certification & Safety	
Certification	CE / FCC / RoHS / BSMI
Warranty	
Warranty Period	2 Years
Accessory	
Adapter	1 x DC Adaptor
Power Cord / Plug	US / AU / UK / EU Plug (Option by Region)
Antenna	1 x dipole antenna 2dbi
Screw	2 x M2 * 4 4 x M2 * 8
Bracket	1 x DC Cover 1 x HDMI Cover 1 x Micro SD Cover
Tape	2 x Velcro Strip
Cable	1 x HDMI
Connector	1 x GPIO connector
QSG	1



# BXP-321

## Supercharged Digital Signage Player 4K HDMI Output with PiP 1080P HDMI Input

Enjoy stunning visuals for all your high-res content with the BXP-321, featuring 4K output and 1080P input, PiP display capabilities. This versatile, compact digital signage player is equipped with configurable GPIO and supports remote wakeup and watchdog functions for long-term reliability, protection, and peace of mind. And the best part? The BXP-321 is compact, quiet, and built for general use, making it the perfect choice for your digital signage needs.



Features	
Programming API	HTML5 / W3C SMIL
Picture-in-Picture (PiP)	Supported (Video + HDMI In)
Advanced Settings	Autorun APK, remote firmware update, remote APK update, schedule On/Off
Video Playback Engine	H.265 4K@60p H.264 4K@30p HTML5
Beacon (BLE)	Opt.: Supported
Independent Watchdog	Supported
Security	Administrator Password protected, SSL / TLS, IEEE 802.1X
System	
OS	Android 10 / 12
CPU	ARM Dual-Core A72 + Quad-Core A53, 64-bit 1.8GHz
GPU	Mali-T864
Memory	4GB
Storage	32GB
Video Decoder	H.264/AVC @ level 5.1; up to 4Kx2K, 30fps H.265/HEVC @ level 5.1 High-tier; up to 4Kx2K60fps MPEG-4 @L0-5, up to 1080P 60fps VC-1, SP@ML, MP@HL, AP@L0-3, up to 1080P 60fps
Expansion Slot (Internal)	
M.2 Slot	1 x M.2 3042 (B-Key) for 4G module 1 x M.2 2242 (B-Key) for M.2 SSD
I/O Interface (External)	
Ethernet	1 x RJ45, 10/100/1000 Gigabit BASE-T
DC Input	1 x DC Jack, 5.5 * 2.5mm
HDMI Out	1 x HDMI 2.0b with CEC 4K UHD, 3840 x 2160 @60fps
HDMI In	1 x HDMI 1.4b with HDCP 1080p, 1920 x 1080 @60fps
Audio Out	1 x 3.5mm (4-Pole Apple-like)
Storage Expansion	1 x Micro SDHC slot
USB 2.0	1 x USB2.0 Type A
USB Type C	1 x USB3.0 TypeC
USB OTG	1 x Micro USB OTG
COM Port	1 x 2.5mm phone jack (Tx / Rx / GND)
GPIO	1 x phoenix type 12 pin, 8 GPIO
Reset Button	Yes
Power Status LED	Yes
Kingston Lock	1
Antenna	2 x 2dB Antenna 1 x LTE Antenna (optional)

Connectivity	
WLAN	Opt.: 802.11 b/g/n
4G LTE	M.2 module
BLE / Beacon	Opt.: Supported 4.0
Input Voltage (V)	DC 12V , 3A
Power Consumption (max, W)	36W
Mechanical	
Dimensions (WxDxH) (mm / inch)	180 x 118 x 27 (mm) / 7.08 x 4.66 x 1.06 (inch)
Packing Dimensions	270 x 230 x 90 (mm) / 10.63 x 9.06 x 3.54 (inch)
Net. Weight (g/lb)	400g / 0.884 lbs
Weight (g/lb)	1.14Kg / 2.51 lbs
Mounting Type	Easy wall mount
Material	Durable Aluminum
Environment	
Operating Temperature (°C / °F)	-40°C to 70°C (-40°F to 158°F)
Storage Temperature (package included) (°C / °F)	-40°C to 80°C (-40°F to 176°F)
Ambient Relative Humidity	5% to 90% (non-condensing)
Certification & Safety	
Certification	CE / FCC / RoHS / BSMI
Warranty	
Warranty Period	2 Years
Accessory	
Adapter	1 x DC Adaptor
Power cord / Plug	US / AU / UK / EU Plug (Option by Region)
Antenna	1 x dipole antenna 2dbi
Screw	2 x M2 * 4 4 x M2 * 8
Bracket	1 x DC Cover 1 x HDMI Cover 1 x Micro SD Cover
Tape	2 x Velcro Strip
Cable	2 x HDMI
Connector	1 x GPIO connector



# SBC-0870N

## 8" NXP Embedded Board

Unleash the power of compact efficiency: The SBC-0870N, powered by the NXP i.MX8M Plus, provides responsive edge processing and advanced multimedia capabilities for diverse industrial/commercial applications across **Smart Retail, Smart Office, Smart Home, and Industrial** environments. Its form factor and efficient design make it suitable for a wide range of embedded solutions, supporting 8-inch displays with a multi-tasking OS and diverse connectivity.



SOC platform	
NXP i.MX8M Plus	
OS Support	
Android 11/Android 13	
System	
CPU Processor	ARM Quad-core Cortex- 4*A53.
GPU	GC7000UL/GC520L (2D)
APU	"Neural Processing Unit 2.3 TOPS"
Memory	LPDDR4, 4GB
Storage	32GB eMMC
VDEC	1080p60, HEVC/H.264/VP9/VP8
VENC	1080p60 H.265/ H.264
Audio DSP	Hi-Fi4
Ethernet	
10/100/1000M	
WLAN Connectivity	
NA	
NA	
PoE	
PoE 802.3af	
Display connection	
eDP	NA
MIPI	24pin X1
Connection with Peripheral function moduels	
I2C for ALS sensor	(FPC-10P-P0.5) X1
I2C for Touch panel	in MIPI connector
Connection for LED Bar	4pin (SPI) X2 (Left/Right)
Audio output for Speaker	2pin(L/R) x 2 ( 1.5W (max) with 8 ohms)
Microphone connector	NA
Video Input for Camera	NA
NFC reader	NA
GPIO for power/system button	
4pin X1 (2GPIO)	
I/O Interface	
USB Port	1x USB Type C (ADB) ; 1x USB Type A
Ethernet	1x RJ45 connector with PoE 802.3at
KNX	NA
RS485	NA
DC Jack	NA
Power Requirement	
1x PoE 802.3af	

Environment	
Operating Temp.& Humidity	0~45degrees, 5% to 85%
Storage Temp.& Humidity	-20~65degrees, 5% to 90%
Mechanism	
Dimension	170mm (L) *72.8mm (W) Top side <9mm ; Bottom side <2.7mm
Display support	
CPU Processor	ARM Quad-core Cortex- 4*A53.
GPU	GC7000UL/GC520L (2D)
APU	"Neural Processing Unit 2.3 TOPS"
Memory	LPDDR4, 4GB
Storage	32GB eMMC
VDEC	1080p60, HEVC/H.264/VP9/VP8
VENC	1080p60 H.265/ H.264
Audio DSP	Hi-Fi4
Display support	
Panel Size	8 inches
Panel Orientation	Landscape
Display Resolution	1280x 800
Birghtness (minimal)	300 cd/m2 (with touch)
Contrast Ratio	1000:1
Touch	5 points, multi-touch (PCAP)



# SBC-1070N

## 10.1" NXP Embedded Board

Experience seamless performance for complex systems: The SBC-1070N, featuring the NXP i.MX8M Plus, excels in demanding industrial/commercial applications across **Smart Office, Industrial, Smart Retail, and Smart Home** sectors. It delivers responsive edge processing, enhanced connectivity, and a robust build. It offers advanced multimedia capabilities, a multi-tasking OS, and supports 10.1-inch displays for varied applications.



SOC platform	
NXP i.MX8M Plus	
OS Support	
Android 11/Android 13	
System	
CPU Processor	ARM Quad-core Cortex- 4*A53.
GPU	GC7000UL/GC520L (2D)
APU	Neural Processing Unit 2.3 TOPS
Memory	LPDDR4, 4GB
Storage	32GB eMMC
VDEC	1080p60, HEVC/H.264/VP9/VP8
VENC	1080p60 H.265/H.264
Audio DSP	HiFi-4
Ethernet	
10/100/1000M	
WLAN Connectivity	
on-board Wi-Fi 6, 802.11 a/b/g/n/ax+BT 5.0	
x2 I-PEX conn. for wifi/BT antenna	
PoE	
PoE 802.3af	
Display connection	
eDP	NA
MIPI	24pin X1
Connection with Peripheral function moduels	
I2C for ALS sensor	(FPC-10P-P0.5) X1
I2C for Touch panel	in MIPI connector
Connection for LED Bar	4pin (SPI) X2 (Left/Right)
Audio output for Speaker	2pin(L/R) x 2 ( 1.5W (max) with 8 ohms)
Microphone connector	4pin X1 for DMIC
Video Input for Camera	(24DS-0.8) X 1, MIPI CSI-2,
NFC reader	(FPC-4P- P0.5mm) X1 for antenna
GPIO for power/system button	
4pin X1 (2GPIO)	
I/O Interface	
USB Port	1x USB Type C (ADB) ; 1x USB Type A
Ethernet	1x RJ45 connector with PoE 802.3at
KNX	NA
RS485	NA
DC Jack	1x DC Jack
Power Requirement	
1x PoE 802.3af 1x DC-in, 12V/2A	

Environment	
Operating Temp.& Humidity	0~45degrees, 5% to 85%
Storage Temp.& Humidity	-20~65degrees, 5% to 90%
Mechanism	
Dimension	170mm (L) *72.8mm (W) Top side <9mm ; Bottom side <2.7mm
Display support	
Panel Size	10.1 inches
Panel Orientation	Landscape
Display Resolution	1920x 1200
Birghtness (minimal)	350 cd/m2 (with touch)
Contrast Ratio	1000:1
Touch	10 points, multi-touch (PCAP)



# SBC-1070M

## 10.1" MTK Embedded Board

Elevate your embedded solutions with superior performance: The SBC-1070M, with its high-performance Mediatek Genio 510, is engineered for industrial/commercial applications across **Smart Home, Smart Retail, Smart Office**, and Industrial sectors. It provides responsive edge processing and advanced multimedia capabilities, suitable for high-end embedded solutions. It includes a multi-tasking OS and diverse connectivity options and supports 10.1-inch displays for demanding applications.



SOC platform	
MTK G510	
OS Support	
Android 13	
System	
CPU Processor	ARM Hexa-core Cortex- 2*A78/4*A55.
GPU	MaliG57 MC2
APU	1x MDLA3.0 + 1x VP6
Memory	LPDDR4, 4GB
Storage	32GB eMMC
VDEC	4K60, AV1/VP9/H.265/H.264
VENC	4K30, H.265/H.264
Audio DSP	HiFi-5
Ethernet	
10/100/1000M	
WLAN Connectivity	
on board Wi-Fi 6, 802.11 a/b/g/n/ac/ax+BT 5.2	
x2 I-PEX conn. for wifi antenna/ x1 I-PEX conn. for BT antenna	
PoE	
PoE 802.3at	
Display connection	
eDP	40pin X1
MIPI	24pin X1
Connection with Peripheral function moduels	
I2C for ALS sensor	(FPC-10P-P0.5) X1
I2C for Touch panel	in MIPI connector
Connection for LED Bar	4pin (SPI) X2 (Left/Right)
Audio output for Speaker	2pin(L/R) x 2 ( 1.5W (max) with 8 ohms)
Microphone connector	4pin X1 for DMIC
Video Input for Camera	(24DS-0.8) X 1, MIPI CSI-2,
NFC reader	(I2C/ WB_8P_P0.6mm) X1 for external module
GPIO for power/system button	
4pin X1 (2GPIO)	
I/O Interface	
USB Port	1x USB Type C (OTG/ADB) ; 1x USB Type A (2.0)
Ethernet	1x RJ45 connector with PoE 802.3at
KNX	KNX bus connection block (Red/Black), Certified KNX Stack (System B)
RS485	X1 (half duplex)
DC Jack	1x DC Jack
Power Requirement	
1x PoE 802.3at 1x DC-in, 12V/2A	

Environment	
Operating Temp.& Humidity	0~45degrees, 5% to 85%
Storage Temp.& Humidity	-20~65degrees, 5% to 90%
Mechanism	
Dimension	170mm (L) *72.8mm (W) Top side <9mm ; Bottom side <2.7mm
Display support	
Panel Size	10.1 inches
Panel Orientation	Landscape
Display Resolution	1920x 1200
Birghtness (minimal)	350 cd/m2 (with touch)
Contrast Ratio	1000:1
Touch	10 points, multi-touch (PCAP)

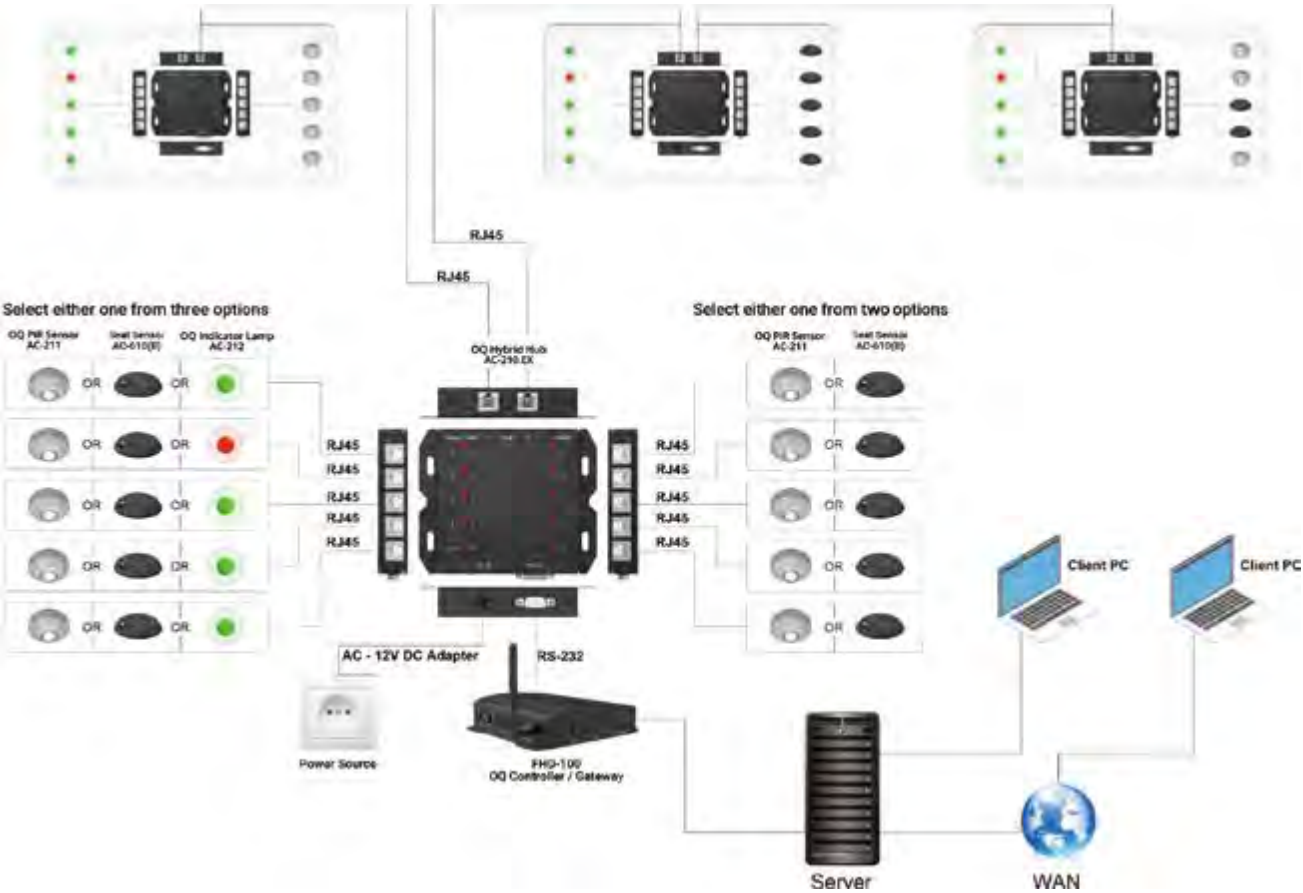


# OQupancy Manager

A Plug & Play Kit to Further Optimize Your Space

FHD-100\*1 | OQ Hybrid Hub\*1 | OQ Seat Sensor\*1 |  
OQ PIR Sensor\*1 | OQ Indicator Lamp\*2

Get ready to take your space optimization to the next level with the incredible OQupancy Manager Plug & Play Kit With OQ sensors, you can effortlessly mount them on your ceiling and enable motion detection for your designated area. When activated, the LED will display the current status. This easy-to-use kit is perfect for those looking to maximize space and make the most out of their environment.



## AC-210.EX OQ Hybrid Hub

### I/O Interface

- 5 RJ45 ports for OQ PIR Sensor (AC-211) connection
- 5 RJ45 ports for OQ Indicator Lamp (AC-212) connection
- 1 DC JACK for DC 12V power input
- 1 RS232 male port for PC connection
- 1 Power status indicator
- 5 Lamp status indicators

### Operating Temperature

0°C ~ 50°C

### Dimensions

140mm(L) x 120mm(M) x 24mm(H)

## AC-211 OQ PIR Sensor

### I/O Interface

- 1 RJ45 port inside for AC-210.EX OQ Hybrid Hub connection
- 1 Red LED indicators – when triggered
- 1 set DIP Switch – 60s (default setting)
- 5 detection timeout modes: 30s, 60s, 120s, 180s, 300s
- Default power supply from AC-210.EX OQ Hybrid Hub
- Interchangeable Lens type and Coverage

Wide coverage angle: 140-degree at 3m height

### Operating Temperature

0°C ~ 50°C

### Dimensions

85mm (Diameter) x 46mm (H)

## AC-212 OQ Indicator Lamp

### I/O Interface

- 1 RJ45 port for AC-210.EX OQ Hybrid Hub connection
- LED color control: Green / Red
- Default power supply from AC-210.EX OQ Hybrid Hub

### Operating Temperature

0°C ~ 50°C

### Dimensions

140mm (Diameter) x 63mm (H)



# AC-610

## OQupancy Seat Sensor



Introducing the Qbic AC-610 Seat Sensor. Using heat & motion sensors, it accurately detects whether you're sitting, standing, or just passing by. It can distinguish between movements and identifies your presence, making it perfect for workspace use.



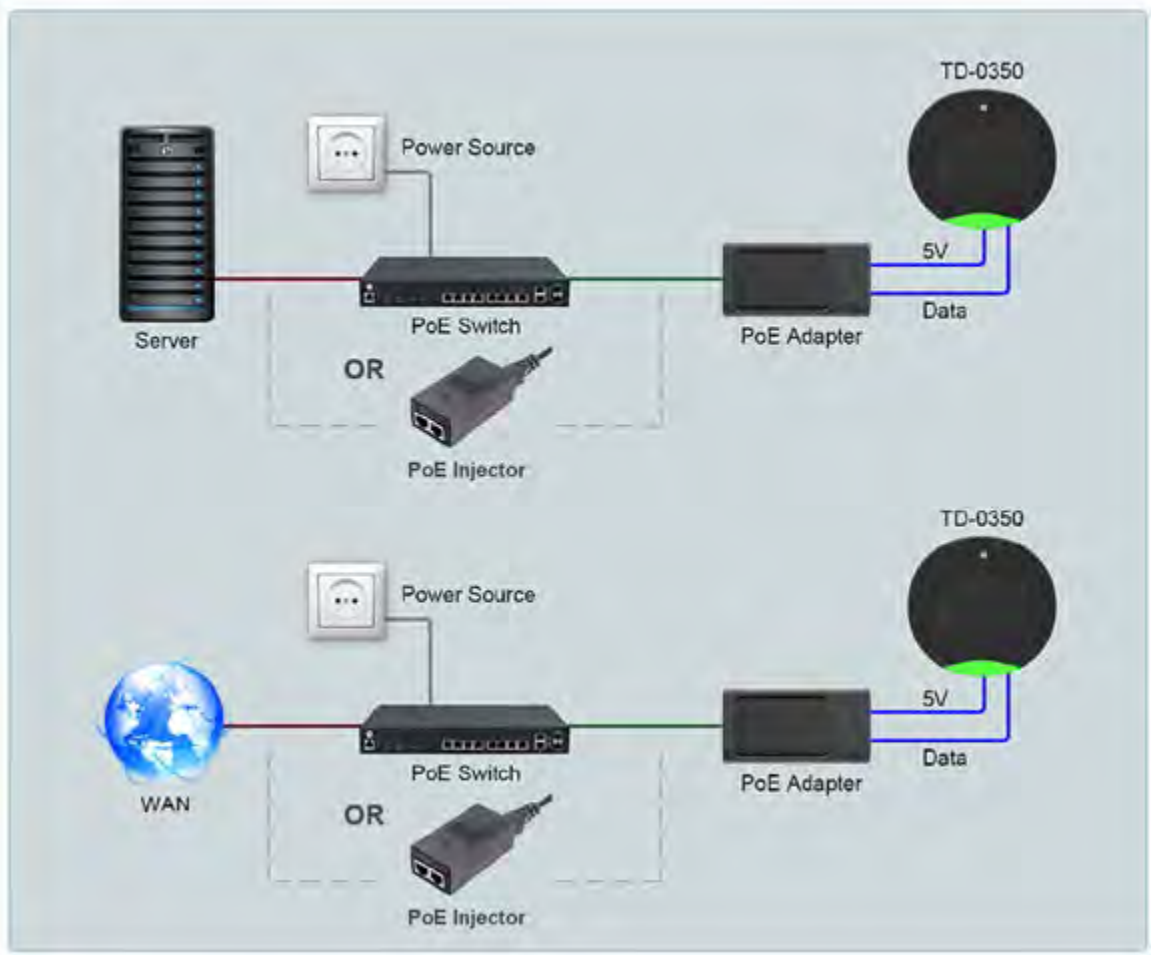
I/O Interface	1 x micro USB for TD-0350 USB port connection
Installation	Ideal Height: 750mm (29.53inch) ±50mm Ideal Depth: 350mm (13.78inch) ±50mm Distance Between Each Sensor: min 1000mm (39.37inch) ±50mm
Power Input	5V, powered by TD-0350
Housing	Plastic
Operating Temperature	15°C to 35°C (59°F to 95°F)
Storage Temperature	-20°C to 55°C (-4°F to 131°F)
Dimensions	80mm (ØDia.) x 20mm (H) (3.15inch (ØDia.) x 0.79inch (H) )
Cable Length	3M (118inch) Micro USB
Weight	120g (0.26 lbs)
Mounting	Bracket (Adhesive / Screw)



# AC-620

## PoE Adapter for TD-0350
















Unleash the full potential of your network with the PoE Adapter AC-620. With compliance to the IEEE 802.3af standard, this adapter works seamlessly with all compliant PoE switches and injectors. Say goodbye to network placement and power supply limitations, and enjoy the freedom to expand your network as far and wide as your ambitions take you.



I/O Interface	2 x USB and 1x RJ45
Installation	Ideal Height : 26.2 mm(1 inch) ± 0.5mm Ideal Depth : 100 mm (4.09 inch) ± 0.5mm
Power Input	DC 44-57V (RJ45)
USB Output(5V 2A)	DC Power
USB Output(LAN)	10/100Mbps
Housing	Plastic and Aluminum material
Operating Temperature	0°C to 40°C
Storage temperature	-20°C to 70°C
Dimensions	74 x 46 x 20.8 (mm)
Cable Length	3 M (118 inches) Micro USB
Weight	65g
Mounting	Bracket (Screw / Adhesive)
Package Content	1 x QSG 1 x AC-620 PoE Adapter 1 x AC-621 Bracket mount 1 x Adhesive tape 2 x Screw (Bracket mounting) 1 x USB type A to Micro USB OTG Cable 3M (118 inches)



# Accessories

Function			Compatibility								
			TD-0350	TD-1060 Slim	TD-1070	Luminen 8	Luminen 10	Luminen 15	TD-0360	Helinx 8	ePaper Display
	AC-112	Adjustable Panel PC Stand		x	x		x				
	AC-115	Adjustable Panel PC Stand						x			
	AC-120	Recess Wall Mount									
	AC-121	1070 Recess Wall Mount			x		x				
	AC-170	One-Gang Installation Kit			x		x				
	MS-0850	Table Top Panel PC Stand				x					
	MS-1070	Table Top Panel PC Stand			x		x				
	X-Bracket	Panel PC Bracket		x	x						
	MS-2000	Mullion Mount		x	x		x	x			
	AC-621	PoE Adapter							x		
	AC-113	TD-0360 Stand							x		
	MS-0851	Helinx 8 Stand								x	
	BDG-100	USB Bluetooth 5.0 Adapter									x
	AC-610	Seat Sensor	x								
	AC-620	PoE Adapter	x								



**AC-112**  
Adjustable Panel PC Stand



**AC-113**  
TD-0360 Stand



**AC-115**  
Adjustable Panel PC Stand



**AC-120**  
Recess Wall Mount



**AC-121**  
1070 Recess Wall Mount



**AC-170**  
One-Gang Installation Kit



**AC-610**  
Seat Sensor



**AC-620**  
PoE Adapter



**AC-621**  
PoE Adapter



**MS-0850**  
Table Top Panel PC Stand



**MS-0851**  
Helinx 8 Stand



**MS-1070**  
Table Top Panel PC



**MS-2000**  
Mullion Mount



**X-Bracket**  
Panel PC Bracket



**BDG-100**  
USB Bluetooth 5.0 Adapter




**Edson Lopes**  
Voome  
Senior Full Stack Developer

“Working with Qbic Technology hardware solutions has been an absolute pleasure. They are at the forefront of innovation and sustainability. The compatibility and integration with our Voome platform are top-notch. This is a win-win situation for both of our companies and customers.”



**Qbic Technology Co., Ltd 26F-12, No. 99, Sec. 1, Xintai 5th Rd, Xizhi Dist, New Taipei City, 22175 Taiwan**

Global Region ✉ [info@qbictechnology.com](mailto:info@qbictechnology.com)  
US Region ✉ [info.us@qbictechnology.com](mailto:info.us@qbictechnology.com)  
Follow us   

 [www.qbictechnology.com](http://www.qbictechnology.com)  +886-2-2697-2000



Please verify specifications before ordering. The information in this brochure is intended for reference purposes only. All product specifications are subject to change without notice. No part of this publication may be reproduced in an form or by any means, including electronically, by photocopying, recording or otherwise, without the prior written permission of the publisher. All brand and product names are trademarks or registered trademarks of their respective companies. © Qbic Technology Co., Ltd. 2024