

FXICEROCK

Infotainment Tablet PC

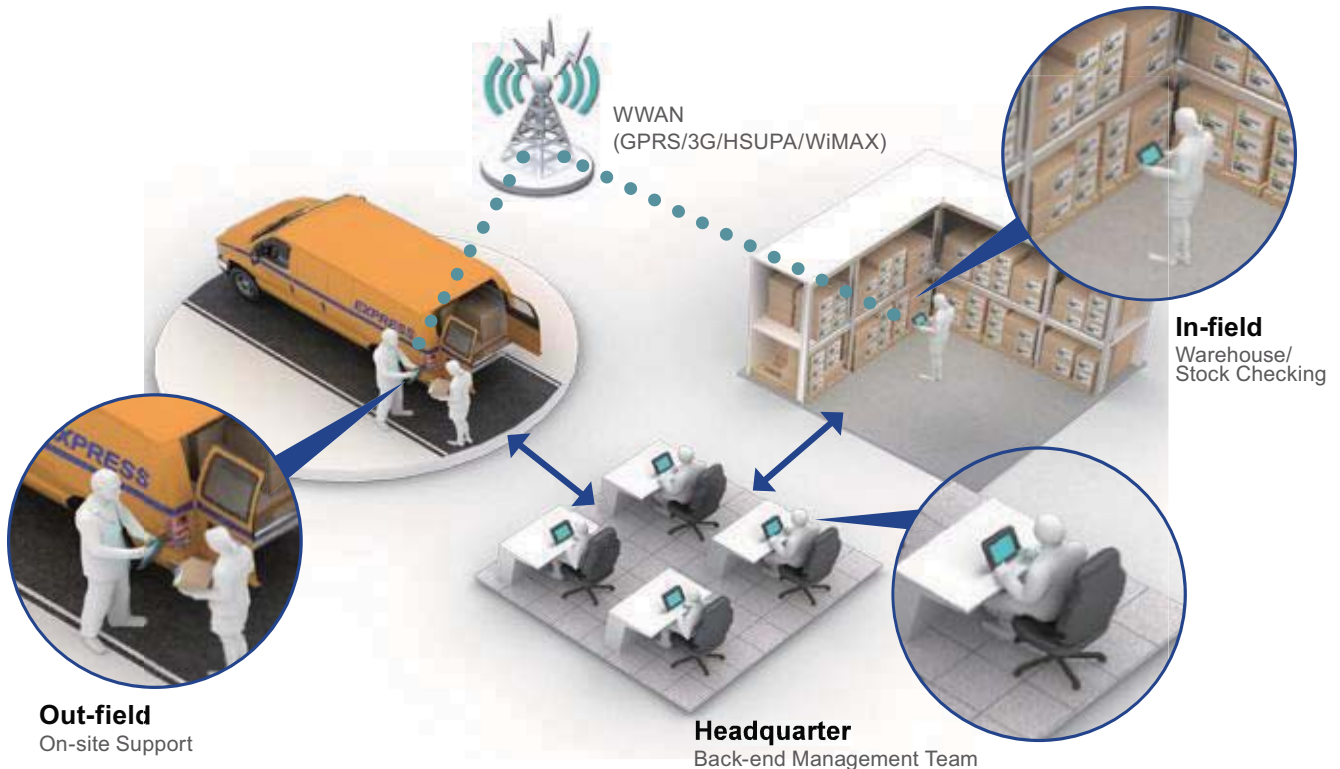
- 8" 350 cd/m² TFT XGA LCD
- Intel® Atom™ Z530 platform
- Powered by Windows® XP Embedded
- Bluetooth, Wi-Fi, 3.75G wireless
- Optional 1D/2D barcode scanner and 13.56 MHz RFID reader compliant with ISO 15693 and ISO 14443A



Application

The FXICEROCK is a semi-rugged and powerful tablet PC for indoor, outdoor and home automation applications. It can be applied across vertical markets that need a robust device for harsh work environments.

The FXICEROCK utilizes the power of Intel® Atom™ Z530 processor and integrates Wi-Fi 802.11b/g/n, Bluetooth and the enhanced Gobi™ 3000 mobile broadband for out-field users.



Advanced Data Acquisition Technology



RFID Reader

Certified with ISO15693, ISO14443A, and ISO14443B, the built-in RFID reader for data collection automates data capture, improving data accuracy, productivity, and performance for business applications.



1D/2D Barcode Scanner

Powered by Honeywell Adaptus® Imaging Technology, the built-in barcode reader features high quality reading functionality and advanced image capture capabilities. Designed with industry-leading motion tolerance, low light sensitivity, broad depth of reading distances, and tough environmental considerations, it is a quick and easy adoption for point-and-shoot scanning.



Inventory Management



Inventory Registry



Inventory Tracking

Optional High Density Battery

Longer Power Support – Optional Battery Pack with Larger Battery Capacity

The FXICEROCK, with rich wireless communication and various data collection functions, can be sustained for a long time with the optional 5000 mAh battery pack.



Part No. 31603-000022-RS



Larger Battery Pack

Specifications

	Item	Rating Performance	Remark
1	Nominal capacity	5000 mAh	In standard charging
2	7.4V Nominal Voltage	7.4V	Within 1 hour after quick charging
3	Maximum charge voltage	8.4V	
4	Operating condition	Charge: 0°C~40°C Discharge: -10°C~60°C	
5	Storage temperature	-20~60°C	

1 Xuecon Solutions
2 Information Panel Solutions
3 CSmate Medical Solutions
4 Optional peripherals
1-23



Table Ordering System Case Study

Background

With more than 20 years experience in Japanese cuisine and around 50 franchises in South East Asia, a Japanese restaurant has always put customer service as its first priority. However, with the growth of the Asian market in recent years, competition in the dining scenery is increasing by the day. In order to keep ahead of the competition and be successful, service differentiation and quality are the key factors.

Challenge

In the past, waiters recorded orders manually, which was time consuming and frequently got complains from customers about slow services especially during peak hours. Hence, in order to increase customer satisfaction and differentiate its services from competitors, the Japanese restaurant started to look into employee workflow and identify areas of inefficiencies. In addition to improving workflow, the founder also wanted to create a completely new and different kind of experience and make the service more appealing to customers.

After a few months of observation and research, it was clear that an electronic table ordering system was necessary. Not only will this reduce order time, it can also create a unique experience for customers.

Solution

The FXICEROCK allow waiters to process customer orders efficiently. The 8" resistive touch tablet PC enable convenient selection of orders in the e-menu system integrated on the device. With the built-in Wi-Fi function, orders can be directly sent to the kitchen where restaurant chefs can prepare orders immediately. At the same time, the order is sent wirelessly to the cash register where it is recorded and payment due is calculated. Invoices can be printed through a peripheral printer via Bluetooth connection.



Kitchen Display

The kitchen display is connected to the FXICEROCK via Wi-Fi. Table orders can be processed immediately by the chef once they are taken.



Table Ordering System



Bluetooth Printer

A invoice printer is connected to the FXICEROCK via Bluetooth. Once a waiter completes a table order, the information is sent to the printer and an invoice is prepared immediately.



Checkout Counter

Each order collected by the FXICEROCK is transmitted to the POS system at the checkout counter through Wi-Fi. Orders from each table are recorded and receipts are prepared accordingly once customers make their payment.

Benefits

- Light in weight makes it easy to carry.
- Built-in Bluetooth and Wi-Fi for peripheral and device connection.
- Reduced table ordering time and improved table turnover rate.
- Increased customer return rate.

1

Xueco
Solutio

2

Autome
Panel
Solutio

3

PACSm
Medica
Solutio

4

Optiona
Periphe

Specifications

Model	FXICEROCK	
Display	LCD Size	8.0" TFT LCD
	Brightness (cd/m ²)	350 cd/m ²
	Max Resolution	800 x 600 pixels SVGA
	Viewing Angle	70/70/60/70 Deg.
System	CPU	Intel® Atom™ Z530 1.6GHz
	Chipset	Intel® SCH US15WP
	Operating System	Microsoft® Windows® XP Embedded
	Memory	2GB DDR2 on board
	Storage	CompactFlash® Slot, SD Card Slot
Communication	Wireless LAN	Wi-Fi 802.11b/g/n
	Bluetooth	Bluetooth® V3.0 + HS (Class II)
	Modem	WCDMA/HSUPA (optional)
	GPS	by customization
Data Collection	Camera	1.3-megapixel
	Barcode	1D Laser / 2D Imager Scan Engine
	RFID	13.56 MHz RFID supports ISO 14443A/B
Indicators & Buttons	LED Indicators	Power/ Wi-Fi/Bluetooth/HDD/3.75G Status LED
	Keys	5-way navigation key 8 x Programmable function keys
I/O Interface	USB	2 x USB 2.0 1 x Mini USB Client
	LAN	1 x 10/100/1000 Mbps GbE RJ-45
	Audio	2 x 1.5W Speaker 1 x Mic 1 x Headphone
Power	Power Adapter	12V @ 3A @ 36W
	Battery	7.4 V 2400 mAh Li-ion Battery (Optional 5000mAh)
Environment	Operating Temperature	0°C to +40°C
	Storage Temperature	-20°C to +60°C
	Humidity	5%~95% non-condensing
	Drop Survival	1.0 M
	Environmental Protection	IP 62 compliant front panel
	Certifications	CE/FCC
Physical Characteristics	Dimensions (LxWxH) (mm)	255 x 180 x 37
	Weight	1.1 kg

Ordering Information

Part No.	Description
FXICEROCK-08A-Z530/WT-R/2G-R12	8.0" 350cd/m ² SVGA Mobile Panel PC with Intel® Atom™ Z530 1.6GHz, 802.11b/g/n Wireless Module, Bluetooth Module, Touch screen, 1.3-megapixel Camera, 2GB SDRAM, RoHS
FXICEROCK-08A-WT-R-HU/2G-R12	8.0" 350cd/m ² SVGA Mobile Panel PC with Intel® Atom™ Z530 1.6GHz, 802.11b/g/n Wireless Module, Bluetooth Module, Touch screen, 1.3-megapixel Camera, 2GB SDRAM, 3.75G Module, RoHS
FXICEROCK-08A-BAR-2G-R12	8.0" 350cd/m ² SVGA Mobile Panel PC with Intel® Atom™ Z530 1.6GHz, 802.11b/g/n Wireless, Bluetooth, RFID, 1D/2D Barcode Scanner, 1.3-megapixel Camera, 2GB SDRAM, RoHS
FXICEROCK-08A-BAR-HU/2G-R12	8.0" 350cd/m ² SVGA Mobile Panel PC with Intel® Atom™ Z530 1.6GHz, 802.11b/g/n Wireless, Bluetooth, RFID, 1D/2D Barcode Scanner, 1.3-megapixel Camera, 2GB SDRAM, 3.75G Module, RoHS

Packing List

Item	Part No.	Q'ty
Battery Pack	31603-000011-RS	1
Power Adapter	63040-010060-030-RS	1
Power Cord	32702-000200-100-RS	1
Stylus	7Z000-6051D0320101-RS	1
Plastic Protective Shell	47003-007600-00-RS	1
User Manual CD	7B000-000774-RS	1
IEI One Key Recovery CD	7B000-000724-RS	1

Optional Accessory List

Item	FXICEROCK	Description
Docking Station	FXICEROCKDS-08A-R10	Docking station with VGA, five USB 2.0, RJ-45, and RS-232 ports for FXICEROCK series
Battery Pack	31603-000011-RS	7.4V 2400 mAh Battery
Battery Pack - Large	31603-000022-RS	7.4V 5000 mAh Battery
Leather Carrying Case	FXICEROCKCB-00-R10	Leather carrying case in black for FXICEROCK-08A series
OS Windows® XP Embedded	FXICEROCKCF-08-XPE-2GB-R10	2 GB CompactFlash® with Windows® XPE OS image and license
	FXICEROCKCF-08-XPE-4GB-R10	4 GB CompactFlash® with Windows® XPE OS image and license



Stylus



Battery Pack



Docking Station



Battery Pack (Large)



Power Adapter



Plastic Protective Shell



Leather Carrying Case