iEiMobile™

Ice-ROCK

Infotainment Tablet PC

3.5G/WiFi/Bluetooth

intel Embedded Alliance

www.ieimobile.com

Warehouse Management
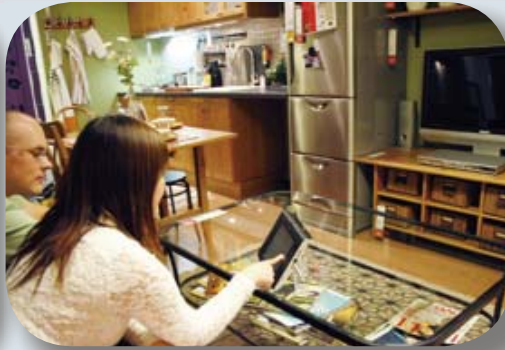
Multimedia Control Center

Construction Site

EASY TO USE

■ Ambient Light Sensor

Automatically adjusts the brightness of the screen for optimum visibility and energy efficiency.

■ Rotate with G-Sensor

Automatically toggles between portrait and landscape display mode providing the most comfortable viewing experience.

■ 1.3 Mega pixel Camera and Microphone

Built-in 1.3Mega pixel video intercom device allows for real time communication. The webcam works in low light situations.

Camera with Low Light Function!

■ 8 Programmable Function Keys

F1~F8 progrmmable function keys help to simplify frequently used applications with the pressing of a single shortcut key.

■ Hot Keys

The ICEROCK employs key combinations to access most of the system's controls as follows.

🖳 + F1 = Sleep	🖳 + F5 = Auto Dimming
🖳 + F2 = Volume ON/OFF	🖳 + F6 = Brightness Up
🖳 + F3 = Volume Up	🖳 + F7 = Brightness Down
🖳 + F4 = Volume Down	🖳 + F8 = LCD ON/OFF

EXPANDABLE

- AC Power/Battery, WiFi, Bluetooth, HSDPA LED Indicators
- AMP 1 W + 1 W Speaker
- 1.3 Mega pixal CMOS Camera
- IR for remote Control and Ambient Light Sensor
- Power Button
- Headphone Mic-in
- Bluetooth/ Wireless LAN Switch
- USB 2.0
- 12 V DC Jack
- Touch Pen
- Lockable SD Card
- RJ-45
- USB 2.0
- Mini USB
- 8" LED Backlight TFT LCD with Touch screen
- Secure Attention Sequence Function
- F1~F8 Programmable Function Keys
- Digital Microphone
- Navigation Button Function Keypads

iEMobile

Mobile

■ 802.11 b/g/n Wireless LAN

Integrated PIFA antenna on the IceRock ensures an uninterupted wireless connection and provides up to IEEE 802.11n wide bandwith operation. Frees cables and clutter from your workspace.

■ Bluetooth V2.1+EDR

A preinstalled bluetooth module communicates with a wide range of electronic devices from PDAs and cellphones, to barcode readers. With good transmission performance-greater than 20 m in free space.

3.75G

■ Mobile 3.75G Connection

Free Wi-Fi hotspots will only get you so far. Stay connected while you're on the move with a mobile broadband internet connection over 3G mobile phone networks.

Supported Bands

*HSPA/UMTS –800/850/900/1900/2100 MHz
*Quad-band EDGE/GPRS/GSM –850/900/1800/1900 MHz
*Dual-band EV-DO/CDMA –800/1900 MHz

Reliable

■ IP62 Compliant Front Panel Protection

Provides protection against damage caused by accidental spills and complete protection against dust.

■ One Key Recovery

IIEI's useful One Key Recovery solution includes exclusive technology to backup and recover your operating system with just one simple click when you face the following situations:

● Severe virus attack
● Operating system crash
● Natural or man-made disasters

IEI Recovery Kit

POWERFUL

■ High graphic performance supports H.264, MPEG1/2/4, VC-1/WMV9 high definition decoding

The ICEROCK-08A/Z530 is powered by an Intel ® Atom™ Z530P with full hardware acceleration, eliminating the need for software decoding and overloading the processor, and that is optimized for multitasking with low CPU resource utilization.
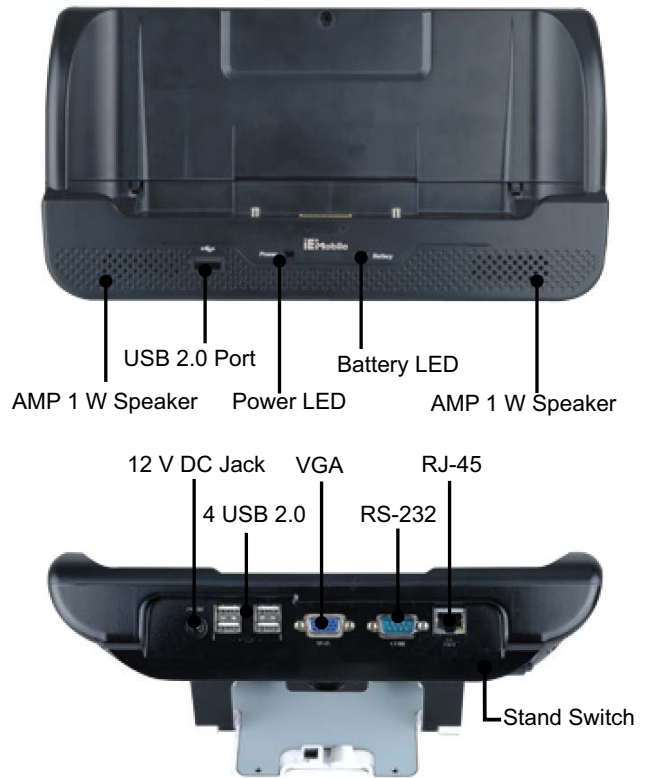
Diverse Installation METHODS

Desktop with Docking Station

Wall Mount with Docking Station

Built-in Stand

VESA
50 mm x 20 mm

■ Docking Station (Optional)
IceRockDS-08A-R10

USB 2.0 Port

Battery LED

AMP 1 W Speaker   Power LED   AMP 1 W Speaker

12 V DC Jack   VGA   RJ-45

4 USB 2.0   RS-232

Stand Switch

■ Wall Mouting Options

VESA Stand

Adjustable Hinge

VESA 75 mm x 75 mm

■ Docking Provides Second Display Connection

The Docking Station provides a VGA out connector to connect the IceRock to a second, larger display such as a projector, TV, or monitor.

VGA

Monitor

Projector

TV

Specifications

Display	LCD Size	8.0"
	Brightness (cd/m2)	250
	Max Resolution	800 x 600
	Pixel Pitch (mm)	0.2025 x 0.2025
	Contrast Ratio	500：1
	Viewing Angle (H-V)	140 / 130
	LCD Color	262,000K
System	Processor	Intel® Atom™ Z530P 1.6 GHz
		Intel® Atom™ Z510P 1.1 GHz
	Chipset	Intel® SCH US15WP
	Memory	On-Board 1 GB DDR2 SDRAM
I/O Interface	USB	2 x USB 2.0
		1 x Mini USB
	Audio	1 x Analog audio MIC-in
		1 x Analog audio line-out
	LAN	1 x RJ-45 LAN port
	Switch	Power button
	Speaker	AMP 1 W + 1 W (internal speaker)
User Control Interface		5-way navigation key
		8 x programmable function keys
		SAS button
Storage	CF	1 x CompactFlash® slot
	SD	1 x SD card slot (External)
Communication	Wireless	1 x 802.11 b/g/n Wireless LAN module (internal USB interface)
	Bluetooth	1 x Bluetooth V2.1 module (internal USB interface)
	Optional HSDPA Module	1 x HSDPA mobile module (internal USB Interface)
Expansion		1 x 1.3 Mega-pixel camera and analog microphone
		Ambient light sensor
LED Function		1 x Power ON/OFF (power LED on front panel)
		1 x Bluetooth enabled/disabled LED
		1 x Wireless LAN enabled/disabled LED
		1 x 3.75G HSUPA enabled/disabled LED
Infrared Remote Control		LCD On/Off, Brightness Up/Down, Volume Up/Down, System On/Off, Ambient Light Sensor On/Off
Physical	Construction Material	ABS + PC Plastic front frame
	Mounting	Mobile / Docking Station (Optional)
	Front Panel Color	Black
	Dimension (WxHxD) (mm)	253.5 x 179.79 x 36.59
	Net Weight	1.044 kg (with Battery Pack 150 g)
Environment	Operating Temperature (℃)	0℃ ~ 40℃
	Storage Temperature (℃)	-20℃ ~ 60℃
	Water/Dust Resistance	IP62 compliant front panel
EMC & Safety		CE / FCC / CB / CCC
Touch Screen		Resistive Type 5-Wire (on-board touch controller IC)
Power		P/N: 63000-FSP036RAB608-RS
		36 W Power Adapter
		Input: 90 V AC~264 V AC, 50/60 Hz
		Output: 12 V DC
Power Requirement		12 V DC-in
Battery		4 hours of normal use (25% On state, 25% Standby, and 50% Off)
		2 hours of continuous use
		2400 mAh Lithium Ion Battery
Docking	I/O Ports	5 x USB
		1 x RJ-45 LAN Port
		1 x COM Port
		1 x VGA
		1 x 12 V DC-in Power Jack
	Audio	Internal Speaker Out, AMP 1 W + 1 W

Ordering information

Part No.	Description
ICEROCK-08A-Z530/WT-R/1G-R10	8.0" 250cd/m² SVGA Mobile Panel PC with intel® Atom™ Z530P 1.6GHz, 802.11 b/g/n, Bluetooth Module, Touch screen, 1.3M pixel Camera, 1GB SDRAM, R10

Note:**(HU02) is optional 3.75G module

Packing list

Item	Part Number	Q'ty
Power adapter	63000-FSP036RAB608-RS	1
Power cord	32000-000002-RS	1
Battery pack	IceRockBP-08A-R10	1
Utilities CD	7B000-000087-RS	1
Touch pen		1
IR Remote control	72000-8T00320ICP05G-RS	1

Options

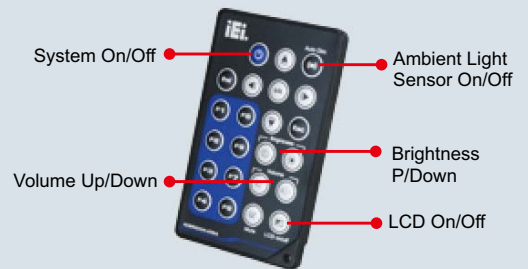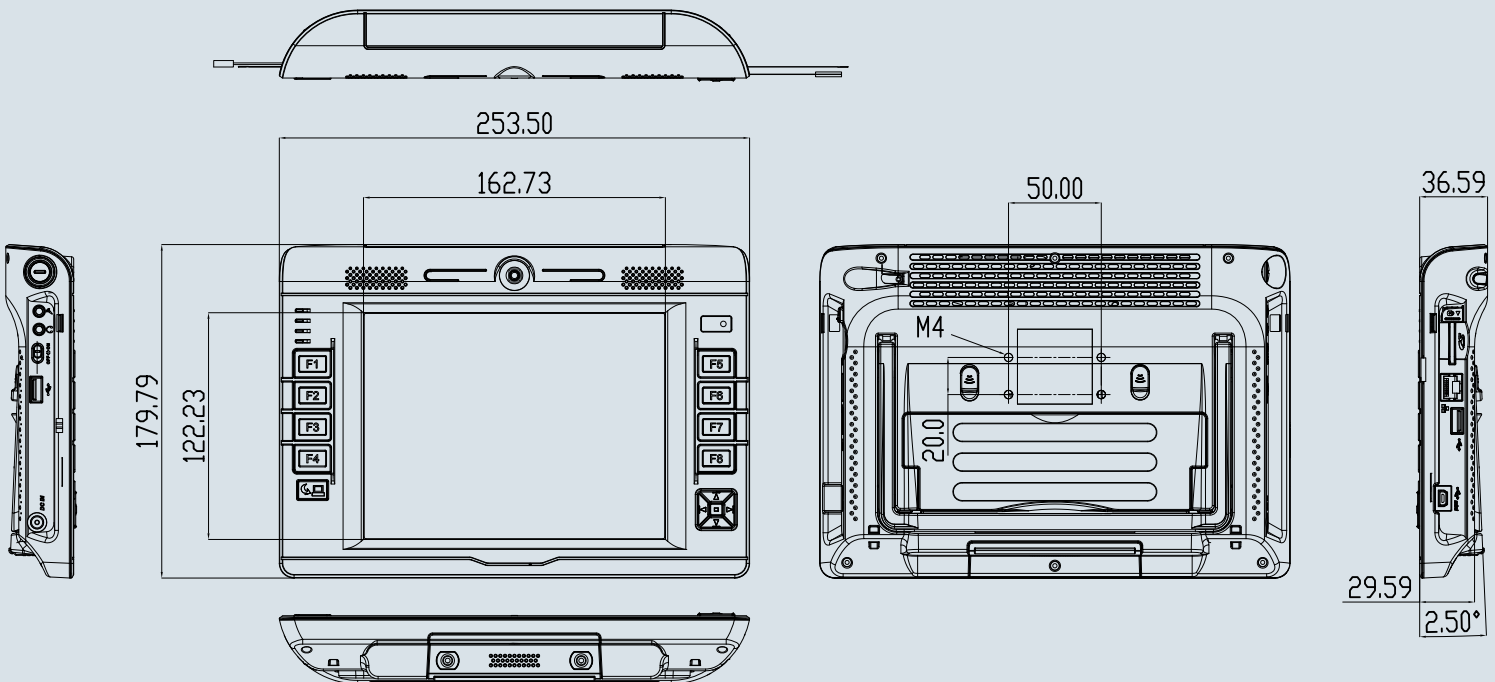| Item	Model
OS - XP Embedded	IceRockCF-08-XPE-R11
Battery pack	IceRockBP-08A-R10
Docking station	IceRockDS-08A-R10
Car power module	IDD-930160-KIT
Protective jacket	IceRockPJ--00-R10
Carrying bag	IceRockCB--00-R10
Touch pen	

■ **Vehicle adapter (60 watts, 9-30 V DC input)**

■ **Protective Shell**

Plastic Protective Shell   Leather Protective Shell

■ IR Remote Control

System On/Off
Volume Up/Down
Ambient Light Sensor On/Off
Brightness P/Down
LCD On/Off

IceRock-08A Dimensions (Unit : mm)

253.50
162.73
179.79
122.23
50.00
M4
20.0
36.59
29.59
2.50

*Specifications are subject to change without prior notice.