



Ice-ROCK

Infotainment Tablet PC





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 programmable 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



MOBILE

■ 802.11 b/g/n Wireless LAN

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



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.



■ 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.



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

IEI'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



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



Wall Mount with Docking Station



■ Wall Mounting 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.



Built-in Stand



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)	
			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 (°C)	0°C ~ 40°C	
	Storage Temperature (°C)	-20°C ~ 60°C	
	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 Lithium Ion Battery Pack, 2S2P, 2400mAh, 7.4V	
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 OPTIONS

Part No.	Description
ICEROCK-08A-Z530/WT-R/1G-R10	8.0" 250cd/m ² 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	72000-8T003201CP05G-RS	1

Item	Model	Description
OS - XP Embedded	IceRockCF-08-XPE-R10	1GB Compact Flash with Windows XPE OS image and license
Battery pack	IceRockBP-08A-R10	Lithium ion battery 2S2P, 7.4V, 2400mAh for ICEROCK-08A series
Docking station	IceRockDS-08A-R10	Docking station with VGA, 5 USB 2.0, RJ-45, and RS-232 ports for ICEROCK-08A series
Car power module	IDD-930160-KIT	60W DC/DC 9-30 VDC input converter module
Protective jacket	IceRockPJ-00-R10	Plastic protective shell in light blue color for ICEROCK-08A series
Carrying bag	IceRockCB-00-R10	Leather carrying bag in black color for ICEROCK-08A series
Touch pen		

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



■ Protective Shell



Plastic Protective Shell

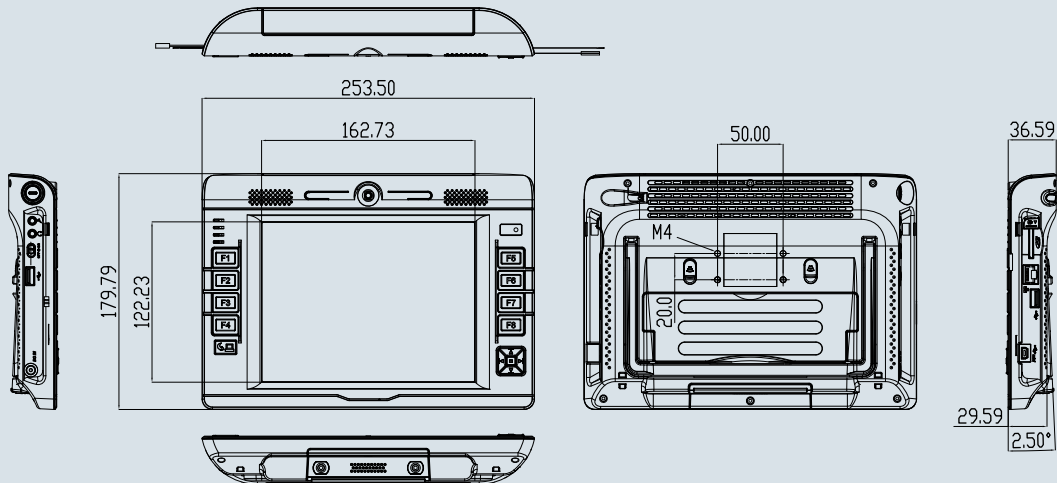


Leather Protective Shell

■ IR Remote Control



ICEROCK-08A DIMENSIONS (Unit : mm)



*Specifications are subject to change without prior notice.

IEImobile™

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