

# ID00H-210-IR

Intel® Atom™ Processor E3845  
21.5" Outdoor Sunlight Readable Panel PC

## Outdoor Series 21.5"



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Backplane Systems  
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### I/O View

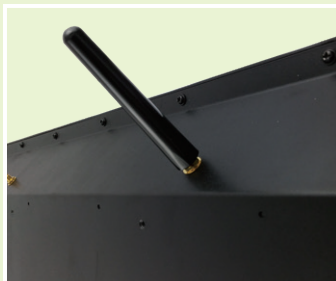


### Features

- Sunlight readable
- Vandal-proof IK06 glass protection



- Wireless support



- Front bezel IP65 and IP33-rated chassis



- Automatic panel brightness, air flow speed and system temperature balance system



Vertical Applications  
Panel PC

INOSP: Stainless Steel  
Panel PC

ASTUT: All-in-one Panel PC  
with Riser Card Expansion

BYTEM: Compact Panel PC

IPCC: Heavy-duty  
Industrial Panel PC

OPF FRAME PC

BYARM/MRS:  
ARM-Based Panel PC

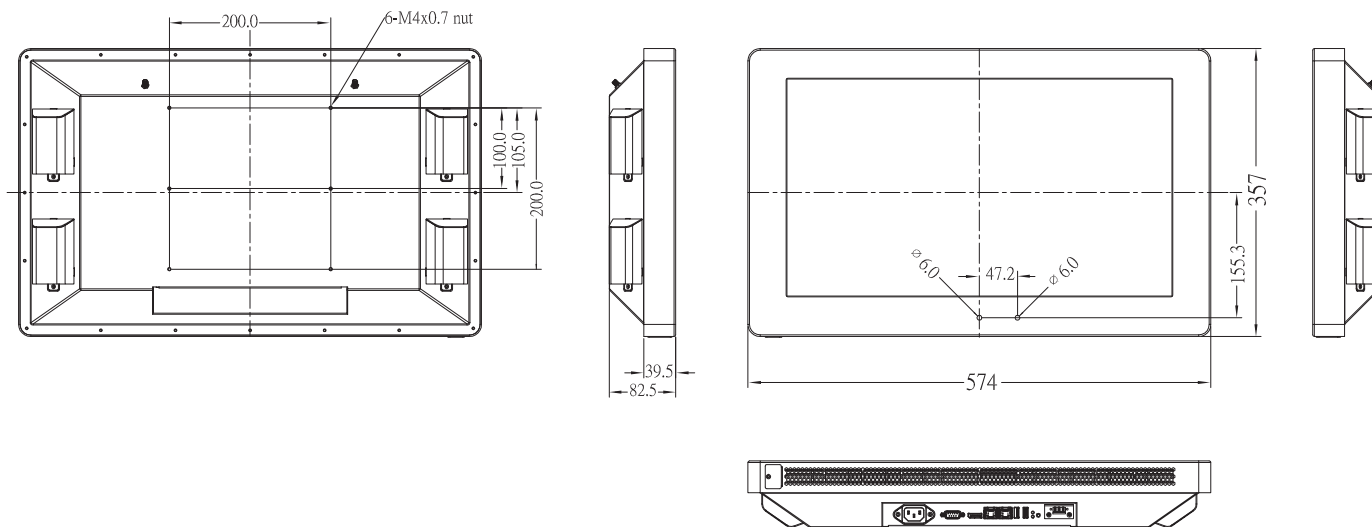
## Specifications

Model No.		IDOOH-210-IR
Display & Touch Screen	Display Size	21.5" TFT-LCD
	Max. Resolution	1920 x 1080
	Luminance (cd/m <sup>2</sup> )	Up to 1200nits, set default 75%
	Contrast	1000:1
	Max. Color	16.7M
	View Angle (H°/V°)	140/120
	Backlight Lifetime(hrs)	50000
	Touch Type	IR touch
	Touch Interface	USB
	Light Transmission (%)	88
	Point of touch	1
I/O Interface	USB 3.0	1
	USB 2.0	1
	RS-232/422/485 Selectable in BIOS	1
	RS-232	0
	LAN	2x GbE
	Additional Graphics	DP
	Audio	None
	Digital I/O	None
	Power Connector	AC inlet
	Power Button	Reset button
Mechanical	Dimensions (mm)	574 x 357 x 82.5
	Net Weight (kgs)	7.5
System	Processor	Intel® Atom™ Processor E3845 (Quad-Core @ 1.91 GHz)
	Memory	2x DDR3L SO-DIMM, up to 8GB, default DDR3L 4GB (4GBx1)
	Thermal Design	Fan
	Membrane Control	None
	Built-in Speaker/MIC	None
Expansion	Internal Expansion Bus	1x Mini PCI-E(x1) w/ USB signal [half-size] 1x mSATA/Mini PCI-E(x1) w/ USB signal and mSATA supported [full-size]
	Expansion Slot	None
	Wireless	Optional Wi-Fi/BT
Storage Space	HDD	1x 2.5" SATA
	Removable	None
Power	Power Input Range	90V ~ 240V AC
Construction	Chassis Material	Aluminum front bezel, black painting Black SGCC + Aluminum chassis
	Color (Front/Back)	Black/Black
	IP Rating	IP65 front bezel
	Mounting	Open frame rack mounting VESA 200x200 and 200x100 mm
Environmental	Operating Temperature	Low Temperature: -40°C with installed heater inside High Temperature: W/ 1120 W/m <sup>2</sup> solar energy: 44 °C W/ 900 W/m <sup>2</sup> solar energy: 50 °C
	Storage Temperature	-20°C~60°C
	Storage Humidity	5%~90% @ 50°C, (non-condensing)
	Certification	CE/FCC Class B
	Supported Operating Systems	Windows 8 32-bit/64-bit, Windows 7 Pro for Embedded 64-bit, WES7 64-bit

# IDOOH-210-IR

## Dimensions

IDOOH-210-IR



## Ordering Information

IDOOH-210-IR

21.5" (1920 x 1080) Outdoor Panel PC with IB897, Intel® Atom™ Processor E3845 1.91GHz, 4GB DDR3L SO-DIMM, 64G SSD, IR touch

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