

IPPC1202-RE / IPPC1702-RE

IPPC Series

Intel® Atom™ D2550 Heavy-Duty Industrial Panel PC



I/O View



IPPC1202-RE / IPPC1702-RE

Features

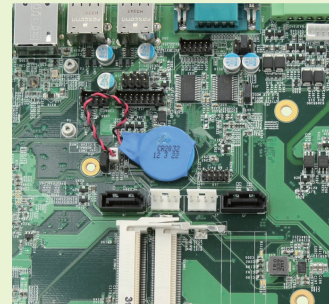
- Cost effective
- Front panel IP65 protection



- PCI expansion with compact size



- Long life RTC battery



1 Stainless Steel Panel PC | 2 All-in-one Panel PC with Riser Card Expansion | 3 Compact Panel PC | 4 Outdoor Panel PC | 5 Heavy-duty Industrial Panel PC | 6 ARM-Based Panel PC | 7 ARM-Based HMI

IPPC1202-RE / IPPC1702-RE

Specifications

Model No.		IPPC1202-RE	IPPC1702-RE
Display & Touch Screen	Display Size	12.1" TFT-LCD	17" TFT-LCD
	Max. Resolution	1024 x 768	1280 x 1024
	Luminance (cd/m ²)	350	250
	Contrast	800:1	1000:1
	Max. Color	16.7M	16.7M
	View Angle (H°/V°)	170 / 170	178 / 170
	Backlight Lifetime(hrs)	30000	50000
	Touch Type	Resistive	Resistive
	Touch Interface	USB	USB
	Light Transmission (%)	80	80
Point of touch	1	1	
I/O Interface	USB 3.0	0	0
	USB 2.0	4	4
	RS-232/422/485 Selectable under BIOS	1	1
	RS-232	0	0
	LAN	2x GbE	2x GbE
	Additional Graphics	VGA	VGA
	Audio	Mic-in / Line-out	Mic-in / Line-out
	Digital I/O	2in / 2out	2in / 2out
	Power Connector	Power jack	Power jack
Power Button	Rock switch	Rock switch	
Mechanical	Dimensions (mm)	320 x 270 x 64.2	430 x 365 x 65.7
	Net Weight (kgs)	3.8	TBD
System	Processor	Intel® Atom™ Processor D2550 1M cache, 1.86GHz	Intel® Atom™ Processor D2550 1M cache, 1.86GHz
	Memory	1x DDR3-1066 SO-DIMM up to 4GB, default 2GB x1	1x DDR3-1066 SO-DIMM up to 4GB, default 2GB x1
	Thermal Design	Fanless	Fanless
	Membrane Control	None	None
	Built-in Speaker/Mic.	None	None
Expansion	Internal Expansion Bus	1x Mini PCI-E half/full size	1x Mini PCI-E half/full size
	Expansion Slot	1x PCI slot	1x PCI slot
	Wireless	Optional Wi-Fi/BT	Optional Wi-Fi/BT
Storage Space	HDD	1x 2.5" SATA	1x 2.5" SATA
	Removable	None	None
Power	Power Input Range	12V DC	12V DC
Construction	Chassis Material	Aluminum front bezel and SGCC back cover with aluminum heat-sink	Aluminum front bezel and SGCC back cover with aluminum heat-sink
	Color (Front/Back)	Black / Black	Black / Black
	IP Rating	IP65 front bezel	IP65 front bezel
	Mounting	Panel mount and VESA 75x75 and 100x100 mm	Panel mount and VESA 75x75 and 100x100 mm
Environment	Operating Temperature	0°C ~ 50°C (with SSD) 0°C ~ 40°C (with HDD)	0°C ~ 50°C (with SSD) 0°C ~ 40°C (with HDD)
	Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C
	Storage Humidity	10%~90% (non-condensing)	
	Certification	CE/FCC Class A /CB/CCC	
	Operating System Support	Windows Embedded Standard 7, Windows 7 Pro for Embedded	

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5 Heavy-duty Industrial Panel PC

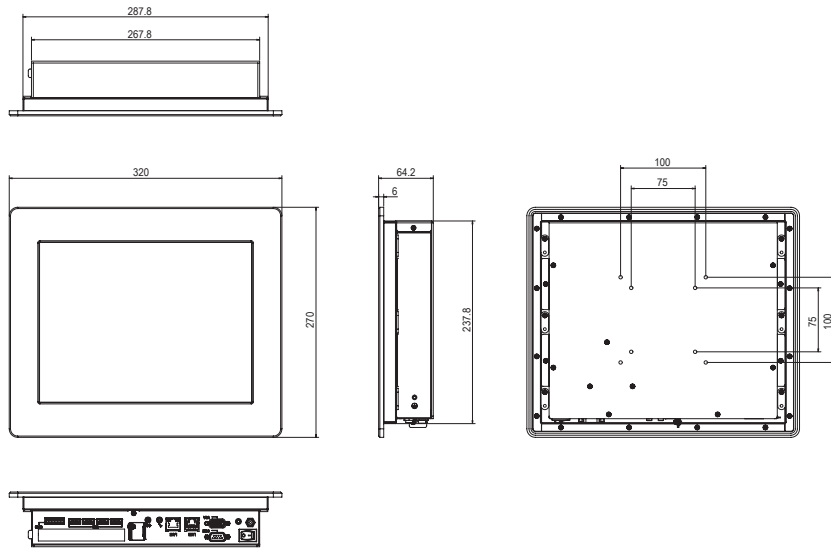
6 ARM-Based Panel PC

7 ARM-Based HMI

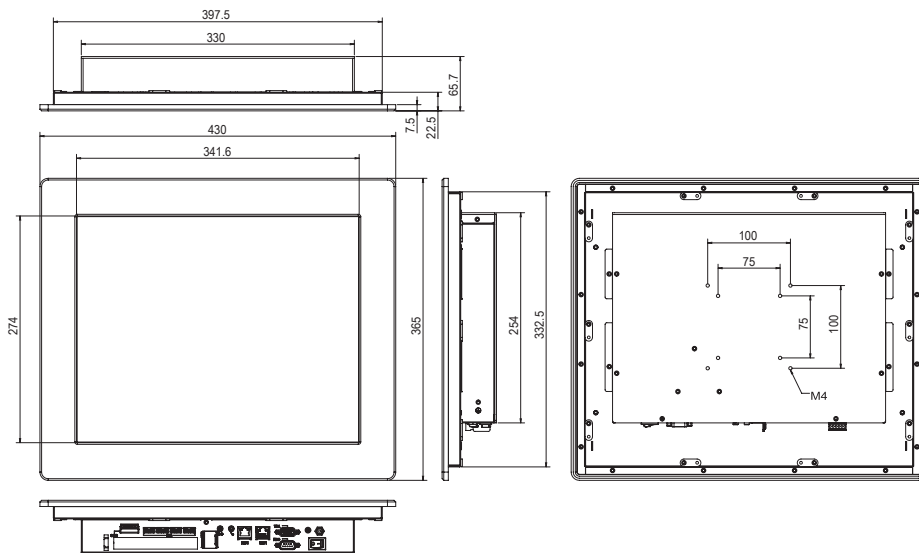
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Dimensions

IPPC1202-RE



IPPC1702-RE



Ordering Information

IPPC1202-RE	12.1" Industrial Panel PC with IB806-D25S, Intel® Atom™ Processor D2550 1.86GHz, 2GB DDR3 SO-DIMM, 500GB HDD and resistive touch, with 84W power adaptor
IPPC1702-RE	17" Industrial Panel PC with IB806-D25S, Intel® Atom™ Processor D2550 1.86GHz, 2GB DDR3 SO-DIMM, 500GB HDD and resistive touch, with 84W power adaptor

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6 ARMV-Based Panel PC

7 ARMV-Based HMI