

IPPC1501-RE /IPPC1202-RE IPPC1502-RE /IPPC1702-RE

Intel® Atom™ D2550 Heavy-Duty
Industrial Panel PC

IPPC Series 12" 15" 17"



I/O View



IPPC1501-RE



IPPC1502-RE



IPPC1202-RE / IPPC1702-RE

Features

- Fanless-design panel PC
- Front panel IP65 protection
- 5-wire resistive touch
- Cost effective



- Low power consumption



- PCI expansion (excluded IPPC1501-RE)



- Front side access USB 2.0 port (IPPC1502-RE only)



IPPC1501-RE/IPPC1202-RE/IPPC1502-RE /IPPC1702-RE

Specifications

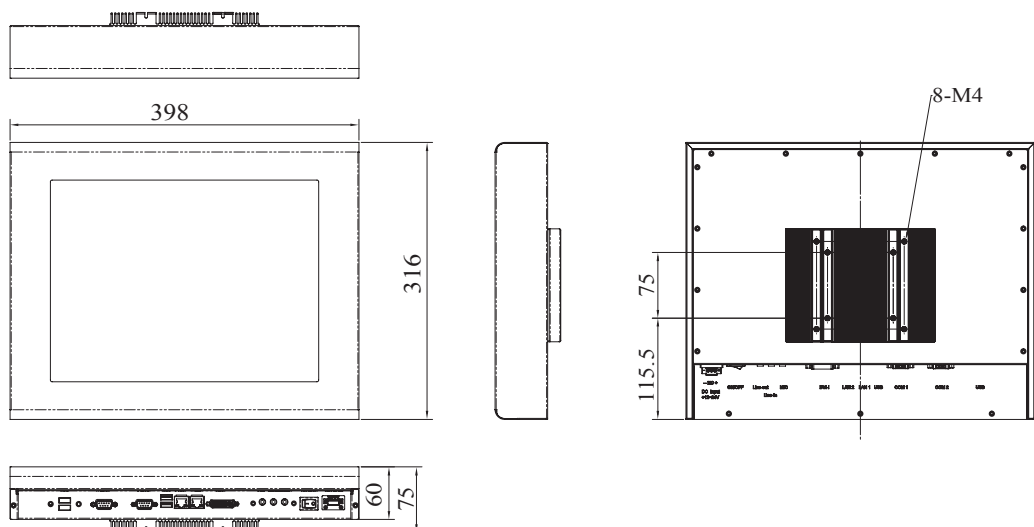
Model No.		IPPC1501-RE	IPPC1202-RE	IPPC1502-RE	IPPC1702-RE
Display & Touch Screen	Display Size	15" TFT-LCD	12.1" TFT-LCD	15" TFT-LCD	17" TFT-LCD
	Max. Resolution	1024 x 768	1024 x 768	1024 x 768	1280 x 1024
	Luminance (cd/m ²)	400	350	420	250
	Contrast	700:1	700:1	800:1	1000:1
	Max. Color	16.2M	16.7M	16.2M	16.7M
	View Angle (H/V)	160/140	170 / 170	160/160	178 / 170
	Backlight Lifetime(hrs)	50000	30000	30000	50000
	Touch Type	Resistive	Resistive	Resistive	Resistive
	Touch Interface	USB	USB	USB	USB
	Light Transmission (%)	80	80	79	80
	Point of touch	1	1	1	1
I/O Interface	USB 3.0	0	0	None	0
	USB 2.0	4	4	4 at rear side and 1 at front side with cover	4
	RS-232/422/485 Selectable under BIOS	1	1	1	1
	RS-232	1	0	1	0
	LAN	2x 10/100/1000 Base-T LAN	2x GbE	2x GbE	2x GbE
	Additional Graphics	DVI-I	VGA	1x VGA	VGA
	Audio	None	Mic-in / Line-out	MIC in/ Line in/Line out phone jack	Mic-in / Line-out
	Digital I/O	None	2in / 2out	None	2in / 2out
	Power Connector	3-pin terminal block	Power jack	Terminal block (Jack type as option)	Power jack
	Power Button	Rock switch	Rock switch	Rock switch	Rock switch
Mechanical	Dimensions (mm)	398 x 316 x 75	320 x 270 x 64.2	410 x 335 x 105	430 x 365 x 65.7
	Net Weight (kgs)	5.5	3.8	8.8	TBD
System	Processor	Intel® Atom™ Processor D2550 1.86GHz	Intel® Atom™ Processor D2550 1.86GHz	Intel® Atom™ Processor D2550 1.86GHz	Intel® Atom™ Processor D2550 1.86GHz
	Memory	1x DDR3 SO-DIMM up to 4GB, default 2GB x1	1x DDR3 SO-DIMM up to 4GB, default 2GB	2x DDR3 SO-DIMM up to 4GB, default 4GB	1x DDR3 SO-DIMM up to 4GB, default 2GB
	Thermal Design	Fanless	Fanless	Fanless	Fanless
	Membrane Control	None	None	None	None
	Built-in Speaker/MIC	None	None	None	None
Expansion	Internal Expansion Bus	1x Mini PCI-E for mSATA 1x Mini PCI-E half size	1x Mini PCI-E half/full size	1x Mini PCI-E half size 1x Mini PCI-E full/half size	1x Mini PCI-E half/full size
	Expansion Slot	None	1x PCI slot	1x PCI	1x PCI slot
	Wireless	Optional Wi-Fi/BT	Optional Wi-Fi/BT	Optional	Optional Wi-Fi/BT
Storage Space	HDD	1x 2.5" SATA	1x 2.5" SATA	1x 2.5" SATA HDD, default 2.5" 64G MLC SSD	1x 2.5" SATA
	Removable	None	None	None	None
Power	Power Input Range	12~24V DC	12V DC	12V/24V DC input	12V DC
Construction	Chassis Material	Sheet metal	Aluminum front bezel and SGCC back cover with aluminum heat-sink	SGCC	Aluminum front bezel and SGCC back cover with aluminum heat-sink
	Color (Front/Back)	Black / Black	Black / Black	Black/Black	Black / Black
	IP Rating	IP65 front bezel	IP65 front bezel	Front IP65/Back IP30	IP65 front bezel
	Mounting	VESA 75x75 mm	Panel mount and VESA 75x75 and 100x100 mm	VESA 75x75/100x100, panel mounting	Panel mount and VESA 75x75 and 100x100 mm
Environment	Operating Temperature	-5°C ~ 50°C	0°C ~ 50°C (with SSD) 0°C ~ 40°C (with HDD)	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	-20°C~60°C	-20°C ~ 60°C
	Storage Humidity	10%~90% @ 40°C (non-condensing)	10%~90% (non-condensing)	10%~90% (non-condensing) at 40°C	10%~90% (non-condensing)
	Certification	CE/FCC Class A	CE/FCC Class A /CB/ CCC	CE/FCC class B and LVD	CE/FCC Class A /CB/ CCC
	Supported Operating Systems	Windows Embedded Standard 7, Windows 7 Pro for Embedded	Windows Embedded Standard 7, Windows 7 Pro for Embedded	Windows XP/E/WES2009/ Windows pro 7(32bits only)/WES 7(32bits only) Linux Kernel 2.6x	Windows Embedded Standard 7, Windows 7 Pro for Embedded

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.

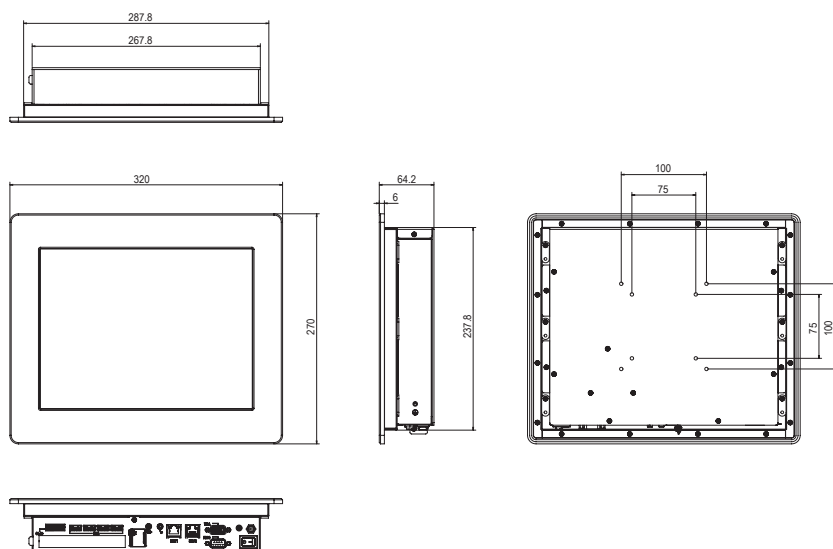
IPPC1501-RE/IPPC1202-RE/IPPC1502-RE /IPPC1702-RE

Dimensions

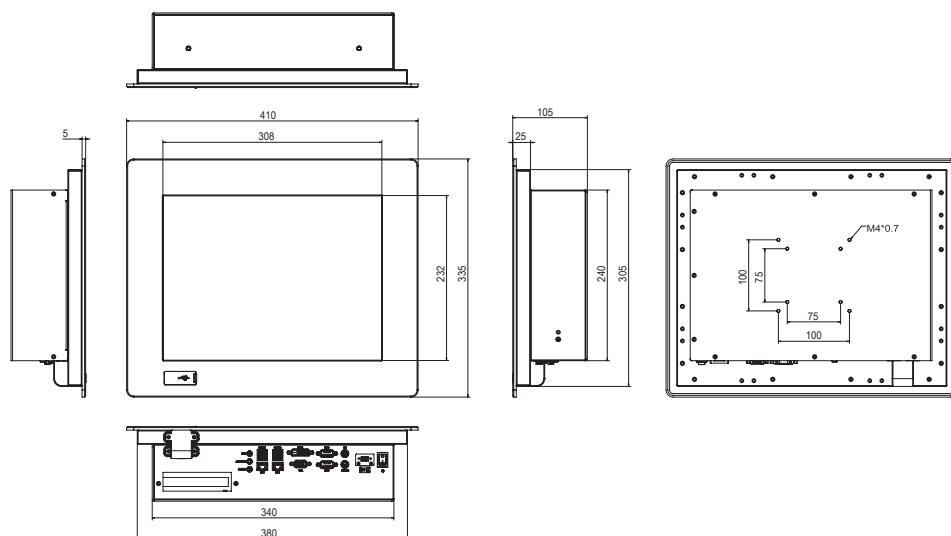
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IPPC1202-RE



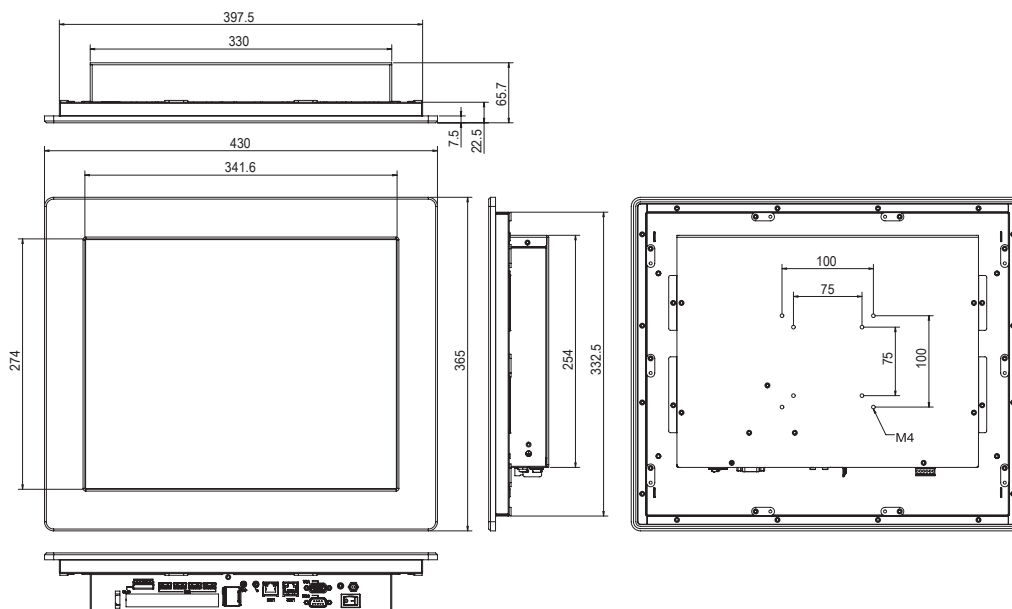
IPPC1502-RE



IPPC1501-RE/IPPC1202-RE/IPPC1502-RE /IPPC1702-RE

Dimensions

IPPC1702-RE



Ordering Information

IPPC1501-RE	15" Industrial Panel PC, Intel® Atom™ Processor D2550 1.86GHz, 2GB RAM, 500G SATA HDD, resistive touch, w/o power adaptor
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
IPPC1502-RE	15" 1024 x 768 Intel® Atom™ Processor D2550 Panel PC with resistive touch screen, 4GB RAM, 64 GB MLC SSD, PCI riser card, 12V or 24V DC power input, 24V 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
Power adaptor (optional)	AC 90V~240V input, 12V DC output 60W power adaptor IBASE P/N: A005PS060W0702000P