

Heavy-Duty Industrial Panel PC

IPPC08A7-RE/IPPC12A7-RE/
IPPC15A7-RE/ IPCC17A7-RE/
IPPC19A7-RE



Highlight

- Fanless design Panel PC
- Intel® Atom™ processor
- IP65 front-panel protection
- 5-wire resistive touch panel
- Slim & compact design

I/O View



IPPC08A7-RE I/O



IPPC19A7-RE I/O



IPPC12A7-RE I/O



IPPC15A7-RE I/O



IPPC17A7-RE I/O

Features



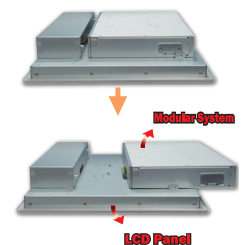
Aluminum front bezel



Auto dimming sensor
(IPPC08A7 not included)



Brightness and volume
control F1~F5 function key
(IPPC08A7 not included)



Modular design-easy to
maintain
(IPPC08A7 not included)

01	Stainless Steel Panel PC
02	All-in-one Panel PC with Riser Card Expansion
03	Compact Panel PC
04	Heavy-Duty Industrial Panel PC
05	IBASE Medical Solution
06	ARM-Based Panel PC
07	ARM-Based HMI

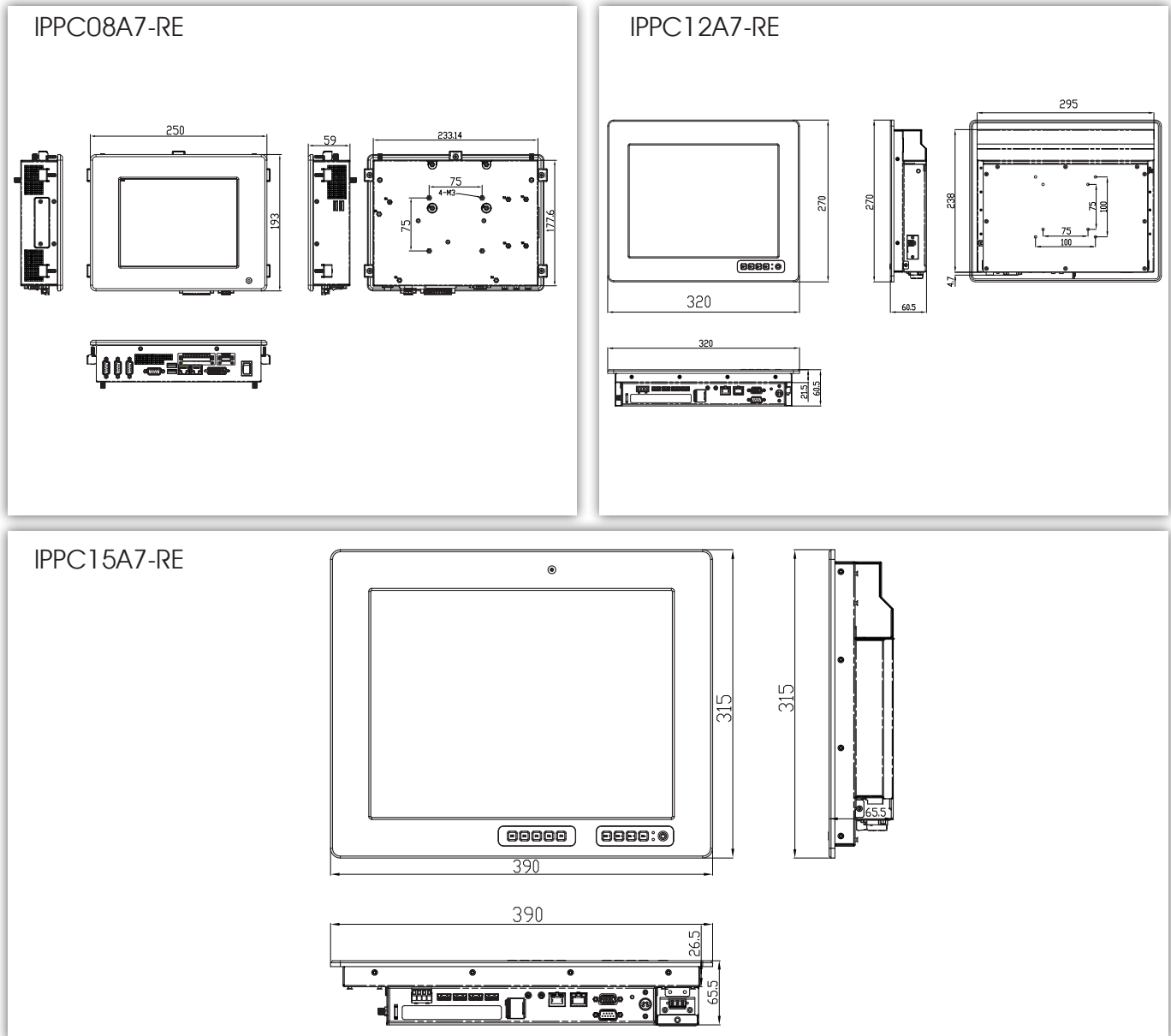
Heavy-Duty Industrial Panel PC

Specification

Model No.	IPPC08A7-RE	IPPC12A7-RE	IPPC15A7-RE	IPPC17A7-RE	IPPC19A7-RE
System					
Processor	Intel® Atom™ Processor N2600 1.6GHz	Intel® Atom™ Process D2550 1M Cache, 1.86GHz			
System Memory	1x DDR3-1066 SO-DIMM up to 2GB	2x DDR3 1600MHz DIMM, Max. 16GB (Non-ECC)			
External I/O					
USB	4x USB2.0	4x USB 2.0 (USB Host, A-Type)			
Serial/Parallel	4x COM ports (COM1:RS-232/422/485)	1x COM1 RS-232/422/485			
Audio	None	1x speaker-out microjack 1x Mic-in microjack			
Graphics	1x DVI-I	1x VGA			
LAN	2x GbE LAN				
Digital I/O	1x Digital I/O				
Keyboard/Mouse	None				
Membrane Control	None	OSD Function Key 1	OSD Function Key 1 OSD Function Key 2		
Power	1x 3pin DC power connector 1x Power on/off switch	1x DC power jack			
Storage Space					
HDD	1x 2.5" SATA				
Movable Slot	1x CFAST slot	None			
Expansion					
Onboard Expansion Bus	1x Mini-PCle half/full size *Full-sized MiniPCle(1x) support mSATA	1x Mini-PCle half/full size			
Expansion Slot	None	1x PCI slot			
Display					
Display Type	8.4" TFT-LCD	12" TFT-LCD	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD
Max. Resolution	800 x 600	1024 x 768		1280 x 1024	
Max. Color	262K	16.2M		16.7M	
Luminance (cd/m2)	350	500	400	350	
View Angle (H°/V°)	150/130	160/160	160/140	170/170	170/160
Contrast	600:1	700:1		800:1	1000:1
Backlight Lifetime(hrs)	50000	50000			
Touch Screen					
Type	Resistive				
Interface	USB				
Light Transmission (%)	80	81	80	81	81
Power					
Power Input	12~24V DC input	12V DC input			
Mechanical					
Construction	Aluminum Front Bezel & SGCC	Aluminum & SGCC		Aluminum & SGCC	
IP Rating	IP65 front bezel				
Mounting	Panel and VESA 75x75mm	Panel and VESA 75x75mm / 100x100mm			
Dimensions (mm)	250 x 193 x 58.5	320 x 270 x 60.5	390 x 315 x 65.5	430 x 365 x 73	465 x 390 x 73
Net Weight (kgs)	2.3kgs	4.9kgs	6.2kgs	8.1kgs	9.1kgs
Environment					
Operating Temperature(°C)	0°C~ 45°C				
Storage Temperature(°C)	-20°C~ 60°C				
Storage Humidity	5%~90% @ 45°C (non-condensing)				
Certification	CE/FCC Class B				
Operating System Support	Windows Embedded Standard 7, Windows 7 Pro for Embedded				

Heavy-Duty Industrial Panel PC

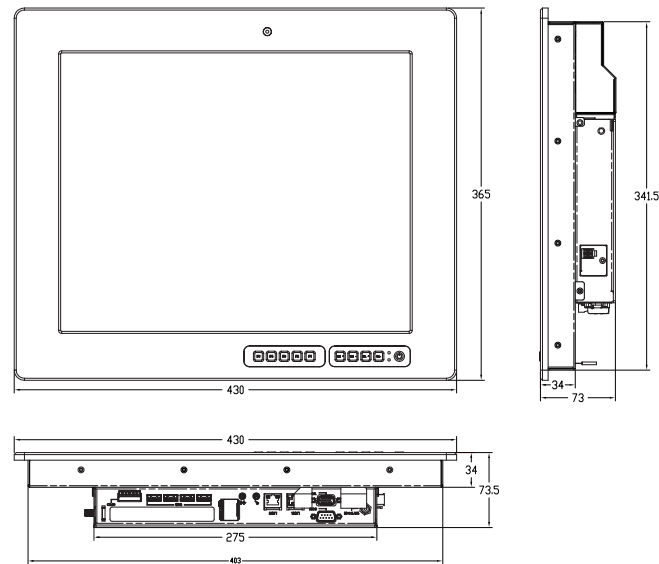
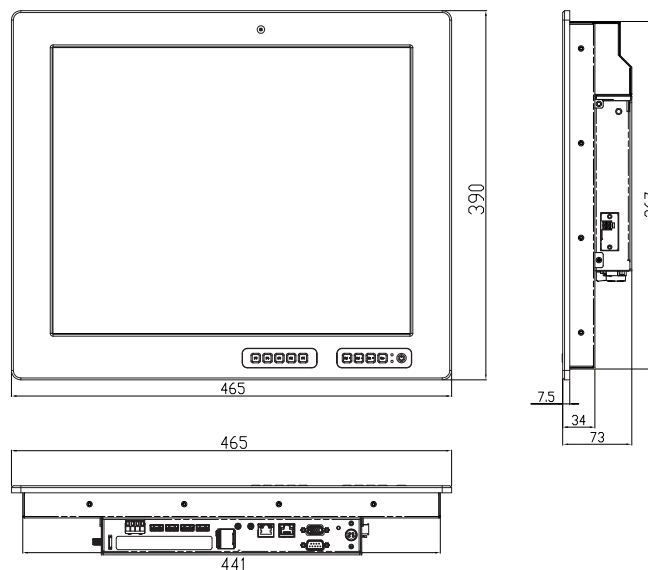
Dimensions



Ordering Information

IPPC08A7-RE	8.4" Industrial Panel PC, Intel® Atom™ N2600 (1M Cache, 1.6GHz), resistive touch, w/o CFast & Memory, w/ 60W power adaptor
IPPC12A7-RE	12" Modularized Panel PC, Intel® Atom™ D2550 1.86GHz, with 2GB DDR3 SO- DIMM, 320GB HDD and resistive touch, w/o power adaptor
IPPC15A7-RE	15" Modular Panel PC, Intel® Atom™ D2550 1.86GHz, with 2GB DDR3 SO-DIMM, 320GB HDD and resistive touch, w/o power adaptor
Power adaptor	AC 90~240V input, 12V DC output 84W power adaptor IBASE P/N: A005PS084W0050000P

Heavy-Duty Industrial Panel PC

IPPC17A7-RE

IPPC19A7-RE


Ordering Information

IPPC17A7-RE	17" Modular Panel PC with resistive touch Intel® Atom™ Processor D2550 CPU, 2GB DDR3 SO-DIMM, 320G HDD, 12V DC input, w/o power adaptor
IPPC19A7-RE	19" Modular Panel PC with resistive touch Intel® Atom™ Processor D2550 CPU, 2GB DDR3 SO-DIMM, 320G HDD, 12V DC input, w/o power adaptor
Power adaptor	AC 90~240V input, 12V DC output 84W power adaptor IBASE P/N: A005PS084W0050000P