

iPanel ATOM Series

8" - 15" Fanless Touch Panel PC

www.ipc2u.de

→ Features

- 8" - 15" TFT LCD with resistive touch screen
- Memory 1 GB DDR II RAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- Built-in HSDPA module for mobile connection (Optional)
- One compact flash slot
- IP 64 compliant front panel

iPanel-08-ATOM

8.4" SVGA High Brightness Touch Panel PC

Intel ATOM N270 1.6G Processor

iPanel-12-ATOM

12.1" XGA Touch Panel PC

Intel ATOM N270 1.6G Processor

iPanel-15-ATOM

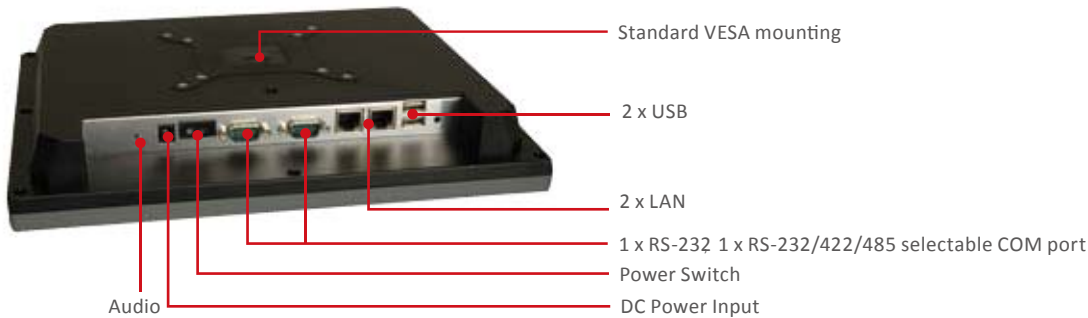
15" XGA Touch Panel PC

Intel ATOM N270 1.6G Processor

iPanel ATOM Series

8" - 15" Fanless Touch Panel PC

→ Fully Integrated I/O

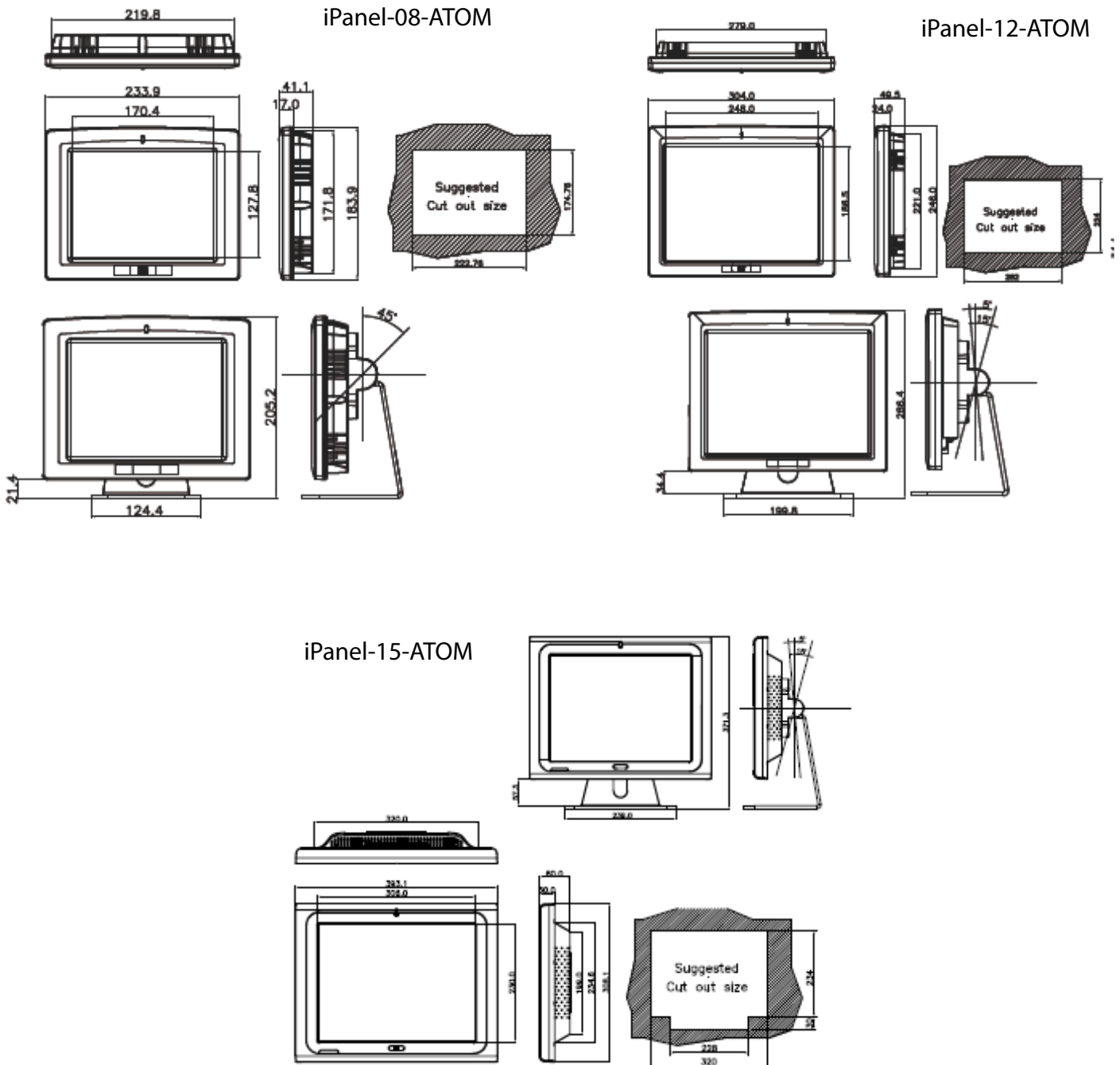


→ Specifications

Model	iPanel-08-ATOM	iPanel-12-ATOM	iPanel-15-ATOM
LCD Size	8.4"	12.1"	15"
Max Resolution	800 * 600	1024 * 768	1024 * 768
Brightness (cd/m2)	450	400	350 or 250
Contrast Ratio	500:1	500:1	700:1 or 600:1
LCD Color	262K	262K	262K or 16.7M
Pixel Pitch (mm)	0.213(H) x 0.213(V)	0.240(H) x 0.240(V)	0.297(H) x 0.297(V)
Viewing Angle (H-V)	120/100	120/100	140°/125° or 160°/160°
Backlight MTBF	50000 hrs	50000 hrs	50000 or 40000 hrs
SBC Model	iPanelMB-ATOM-R10		
CPU	Diamonville-SC N270 (Atom 1.6G)		
Chipset	Intel 945GMS/ICH7		
RAM	Supports one 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM		
I/O Ports and Switches	1 x RS-232 2 x USB 2.0 1 x RS-232/422/485 1 x Power Switch 1 x Reset Button 2 x LAN Ports 1 x Audio Jack		1 x RS232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0, 1 x Power Switch 1 x Reset Button, 1 x Audio Port (line-out) 1 x VGA Port, 1 x Power Jack
SSD	CF Type II		
Watchdog Timer	Software programmable supports 1~255 sec. System reset		
Audio	AMP 1.5W + AMP 1.5W		
Expansion	1 x Mini PCIe (Wireless LAN Module) , 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)		
HDD Drive Bay	N/A		
Optional HSDPA Module	YES		
Construction Material	ABS + PC Plastic front frame		
LED Function	1 x Power ON/OFF LED on front panel		
Mounting	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm / 100mm x 100mm		
Front Panel Color	Gray 7539U	Gray 7539U	Gray 7539U
Dimensions (WxHxD) (mm)	233.86 x 183.86 x 41.09	304 x 246 x 49.5	394 x 309 x 61
Operation Temperature (°C)	0°C~45°C	0°C~45°C	0°C~40°C
Storage Temperature (°C)	-20°C~60°C	-20°C~60°C	-20°C~60°C
Net Weight	1.4 Kg	1.4 Kg	3.2 Kg
IP Level (front panel)	IP64	IP64	IP64
EMC	CE, FCC, CCC	CE, FCC, CCC	CE, FCC, CCC
Safety	UL, CB	UL, CB	UL, CB
Touch Screen	Resistive Type 5-Wire (touch controller IC is on board)		
Power Adapter	P/N:63000-FSP0361AD101C-RS Power:36W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC	P/N:63000-FSP0361AD101C-RS Power:36W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC	P/N:63000-FSP0601AD101C746-RS Input: 90VAC~264VAC @ 50/60Hz Power:60W Output: 12VDC
Power Requirement	12VDC	12VDC	12VDC
Power Consumption	25W	25W	49W

iPanel ATOM Series

8" - 15" Fanless Touch Panel PC



iPanel ATOM Series

8" - 15" Fanless Touch Panel PC

→ Ordering Information

Part Number	Description
iPanel-08-ATOM-WT-R/1GB	8.4" 450cd/m2 SVGA fanless panel PC with INTELATOM N270 1.6GHz, 802.11b/g wireless module, bluetooth module, touch screen, 1GB DDR2 533, RoHS
iPanel-12A-ATOM-WT-R/1GB	12.1" 400cd/m2 XGA fanless panel PC with INTELATOM N270 1.6GHz, 802.11b/g wireless module, bluetooth module, touch screen, 1GB DDR2 533, RoHS
iPanel-15-ATOM-WT-R/1GB	15" 350cd/m2 XGA fanless panel PC with INTELATOM N270 1.6GHz, 802.11b/g wireless module, bluetooth module, touch screen, 1GB DDR2 533, RoHS

→ Options

		iPanel-08-ATOM	iPanel-12-ATOM	iPanel-15-ATOM
Panel Mounting Kit			iPanelPK-12	iPanelPK-15
Wall Mounting Kit			iPanelWK-12	iPanelWK-19
Rack Mounting Kit			iPanelRK-10	iPanelRK-15
ARM		ARM-11-RS / ARM-31-RS		
STAND		STAND-A12 STAND-100-RS / STAND-150-RS		STAND-A19 / STAND-19B STAND-POS15 / STAND-210-RS
OS	Win CE 5.0	iPanel-CF-08-ATOM-CE	iPanel-CF-12-ATOM-CE	iPanel-CF-15-ATOM-CE
	Win CE 6.0	iPanel-CF-08-ATOM-CE060-R10	iPanel-CF-12-ATOM-CE060-R10	iPanel-CF-15-ATOM-CE060-R10
	Win XPE	iPanel-CF-08-ATOM-XPE-R10	iPanel-CF-12-ATOM-XPE-R10	iPanel-CF-15-ATOM-XPE-R10
DC to DC converter module		IDD-930160-KIT		
Hybrid Card Reader		iPanelIP-08AMSI-U	iPanelIP-12AMSI-U	iPanelIP-15AMSI-U
Magnetic Stripe Reader		iPanelIP-08AMSR-U	iPanelIP-12AMSR-U	iPanelIP-15AMSR-U
DC 12V Input UPS		AUPS-A10-R10		
DV 9-36V Input UPS		AUPS-A20-R10		

→ Packing List

Item	P/N	Q'ty	Specifications
Screws	44013-030041-RS	4	M3;ø5mm
Power Adapter	63000-FSP0361AD101C-RS		90~264V;12V;36W
Power Cable	32000-000002-RS	1	1750MM,European Standard
User's Manual CD ROM	7B000-000087-RS	1	
Touch Pen	XTR104-0002-RS	1	