

All-in-one Panel PC with Riser Card Expansion

ASTUT Series Intel® Atom™ D2550 All-in-One Panel PC



■ Highlight

- Dual-Core Intel® Atom™ D2550 processor
- Projected capacitive touch screen
- One PCI expansion slot
- Wide-range 12V~36V DC power input
- IP65 waterproof front-panel protection

■ I/O View



ASTUT-1511S-PC



ASTUT-1811S-PC

■ Features



3mm glass -vandal proof touch screen



Easy accessible HDD space



- 12~36VDC power input
- Input polarity reversed protection
 - Continuous short
 - Over load circuit protection



Isolated RS-232/422/485

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 Outdoor Panel PC
06 iBASE Medical Solution
07 ARM-Based Panel PC
08 ARM-Based HMI

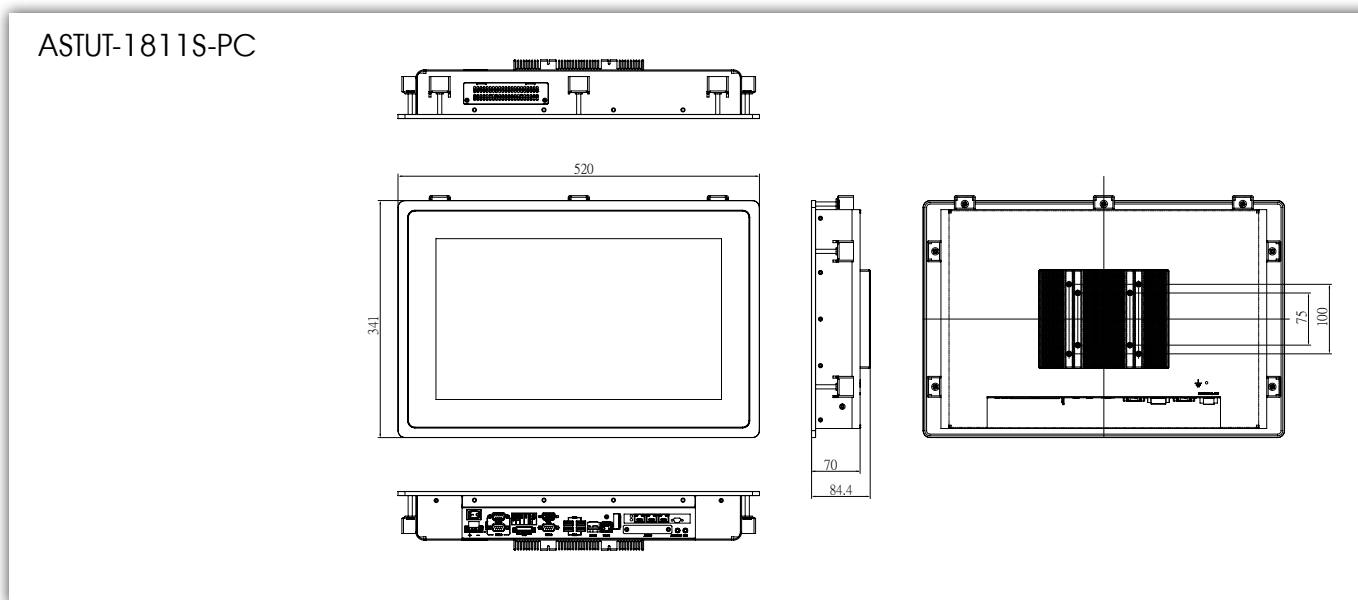
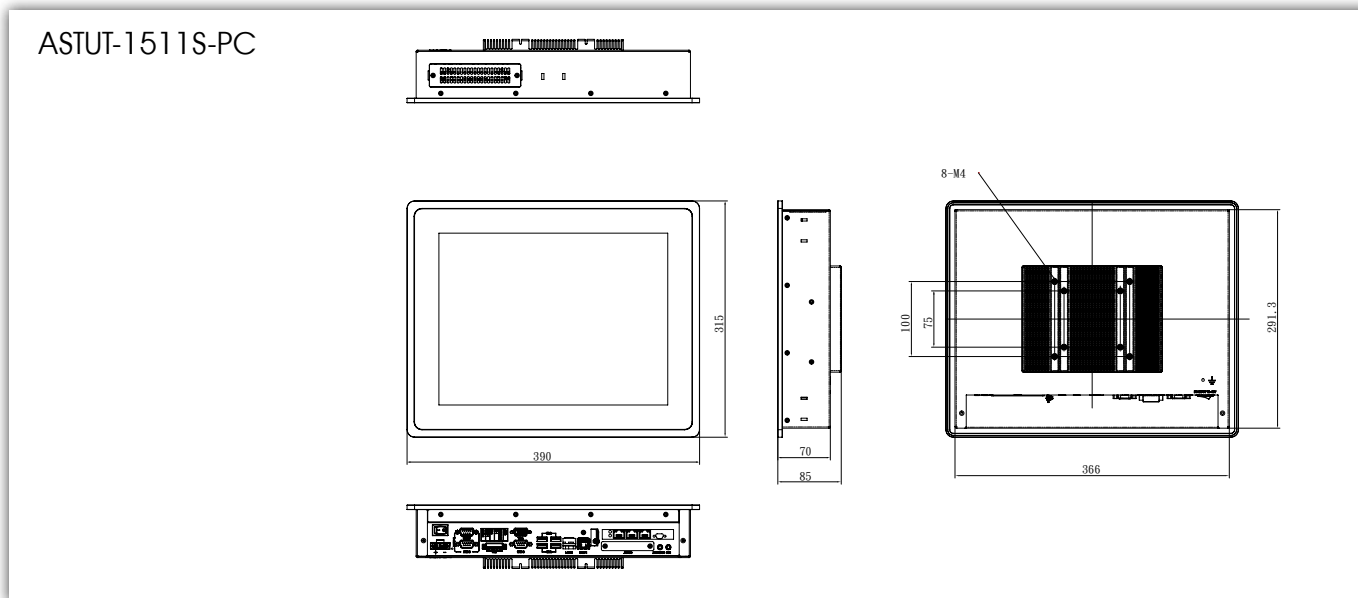
All-in-One Panel PC with Riser Card Expansion

Specifications

Model No.	ASTUT-1511S-PC	ASTUT-1811S-PC
System		
Processor	Intel® Atom™ Processor D2550 (1M Cache, 1.8GHz)	
System Memory	2x DDR3 1066 SO-DIMM, up to 4GB	
External I/O		
USB	4x USB 2.0	
Serial/Parallel	COM1/2 RS-232/422/485 isolated COM3 RS-232	
Audio	1x MIC in/ Line out phone jack	
Graphics	1x VGA	
LAN	2x Gigabit LAN (RJ45)	
Digital I/O	1x 6 pins terminal block 2in/2out/5VCC/Ground	
Keyboard/Mouse	None	
Membrane Control	None	
Power	1x 3pin DC power connector	
Storage Space		
HDD	1x 2.5" SATA2	
Removable Slot	1x external CFast	
Expansion		
Onboard Expansion Bus	1x Mini-PCIe half/full size	
Expansion Slot	1x PCI	
Display		
Display Type	15" TFT-LCD	18.5" TFT-LCD
Max. Resolution	1024 x 768	1366 x 768
Max. Color	16.2M	16.7M
Luminance (cd/m ²)	400	300
View Angle (H°/V°)	160/140	170/160
Contrast	700:1	1000:1
Backlight Lifetime(hrs)	50000	
Touch Screen		
Type	Projected capacitive	
Interface	USB	
Light Transmission (%)	86	85
Power		
Power Input	12~36V DC input	
Mechanical		
Construction	Black aluminum front bezel and black steel back cover with aluminum heat-sink	
IP Rating	IP65 (Front panel with panel mount)	
Mounting	Panel Mount, VESA 75 x 75mm / 100 x 100mm	
Dimensions (mm)	390 x 315 x 84.6	520 x 341 x 84.4
Net Weight (kgs)	6.5kgs	8.5kgs
Environment		
Operating Temperature(°C)	0°C~ 50°C(with SSD/CFast)/ 0°C~ 40°C (with HDD)	
Storage Temperature(°C)	-20°C~60°C	
Storage Humidity	10%~90% (non-condensing)	
Certification	CE/FCC Class B	
Operating System Support	Windows Embedded Standard 7, Windows 7 Pro for Embedded	

All-in-One Panel PC with Riser Card Expansion

Dimensions



Ordering Information

ASTUT-1511S-PC	15" Flat Panel Design Panel PC, Intel® Atom™ D2550 1.86GHz, DDR3 SO-DIMM 4GB, with 320G HDD, projected capacitive touch, w/o adaptor
ASTUT-1811S-PC	18.5" Flat Panel Design Panel PC, Intel® Atom™ D2550 1.86GHz, DDR3 SO-DIMM 4GB, with 320G HDD, projected capacitive touch, w/o adaptor
Power adaptor	AC 90~240V input, 12V DC output 84W power adaptor IBASE P/N: A005PS084W0050000P

All-in-One Panel PC with Riser Card Expansion

ASTUT Series Fanless 4th Generation Intel® Core™ i5 Panel PC



Highlight

- Intel® Core™ i5-4402E (Quad-Core @ 1.6GHz) processor
- Resistive touch screen
- One PCIe 16x expansion slot
- Wide-range 12V~24V DC power input
- IP65 waterproof front panel protection

Features



PCIe Expansion

I/O View



ASTUT-152-RE1S



Easy accessible 2.5" HDD storage

All-in-One Panel PC with Riser Card Expansion

Specifications

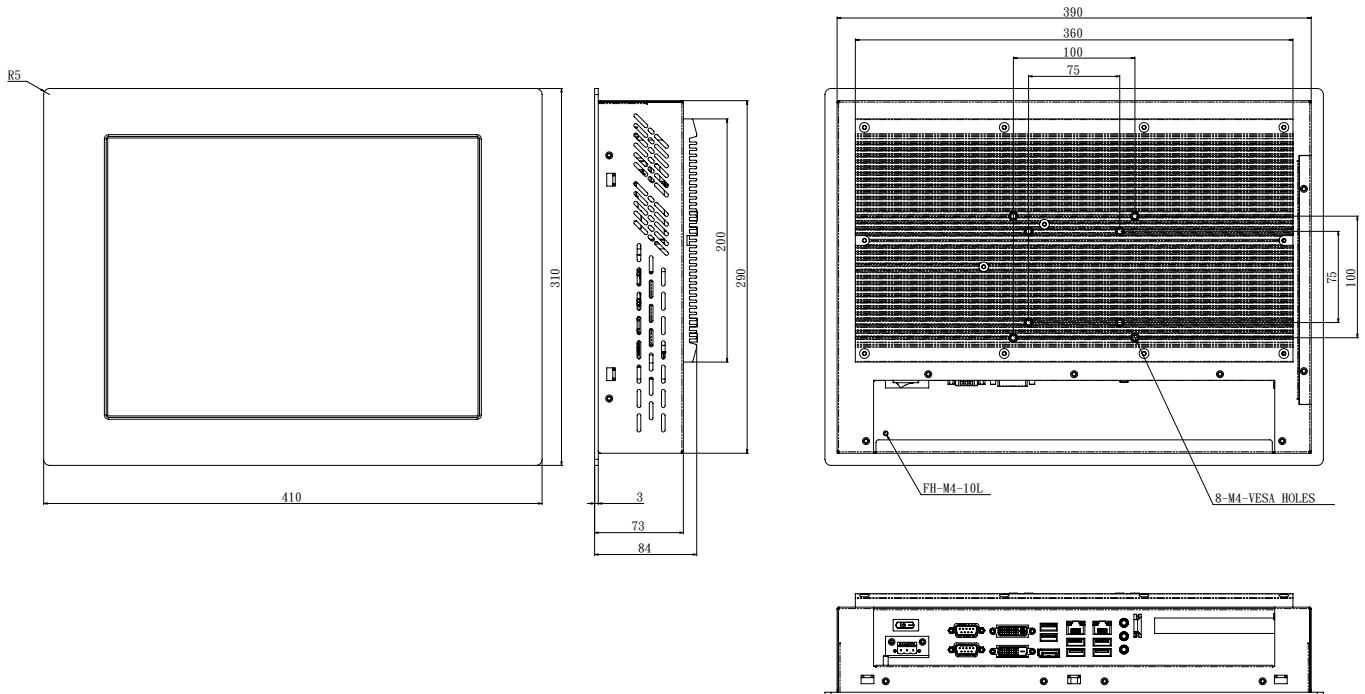
Model No.	ASTUT-152-RE1S
System	
Processor	Intel® Core™ i5-4402E (Quad-Core @ 1.6 GHz)
System Memory	2x DDR3 1600 SO-DIMM, 8GB each Max.16GB total, Default 4GB (4GBx1)
External I/O	
USB	2x USB 2.0, 4x USB3.0
Serial/Parallel	1x DB9 RS-232/422/485 COM, 1x DB9 RS-232 COM2
Audio	MIC in/ Line out / Line in
Graphics	1x DVI-I, 1x DVI-D, 1x DP
LAN	2x GbE LAN RJ-45
Digital I/O	None
Keyboard/Mouse	None
Membrane Control	None
Power	1x 3pin DC power connector, 1x Power on/off switch
Storage Space	
HDD	1x 2.5" SATA2
Removable Slot	1x 2.5" SATA HDD easy accessible, default 320G HDD
Expansion	
Onboard Expansion Bus	1x Mini-PCIe half/full size
Expansion Slot	1x PCIe 16x
Display	
Display Type	15" TFT-LCD
Max. Resolution	1024 x 768
Max. Color	16.2M
Luminance (cd/m ²)	500
View Angle (H°/V°)	160/160
Contrast	800:1
Backlight Lifetime(hrs)	50000
Touch Screen	
Type	Resistive touch
Interface	USB
Light Transmission (%)	80
Power	
Power Input	12V~24V DC input
Mechanical	
Construction	Black SGCC front bezel and black steel back cover with aluminum heat-sink
IP Rating	IP65 (Front panel with panel mount)
Mounting	Panel Mount, VESA 75mmx75mm/100x100 mm
Dimensions (mm)	410 x 310 x 84
Net Weight (kgs)	7.9kgs
Environment	
Operating Temperature(°C)	0°C~ 50°C
Storage Temperature(°C)	-20°C~60°C
Storage Humidity	10%~90% (non-condensing)
Certification	CE/FCC Class B
Operating System Support	Windows Embedded Standard 7, Windows 7 Pro for Embedded

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All-in-One Panel PC with Riser Card Expansion

Dimensions

ASTUS-152-RE1S



Ordering Information

ASTUT-152-RE1S	15" industrial Panel PC with MI980VF, Intel® Core™ i5-4402E, DDR3 SO-DIMM 4GB, with 500G HDD, resistive touch, w/o adaptor
Power adaptor	AC 90~240V input, 12V DC output 84W power adaptor IBASE P/N: A005PS084W0050000P *17" and 19" size will be available at Jan/2015