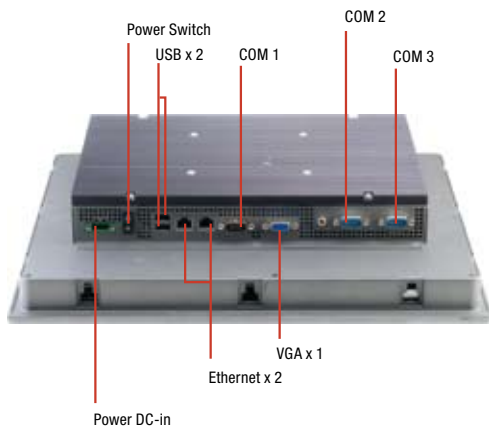


AHP-2153

15" Rugged Fanless Touch Panel Computer With Onboard Intel® Atom™ D2550 Processor

02

Rugged HMI Touch Panel Solutions



Features

- 15" XGA (1024 x 768) TFT LCD Display
- Intel® Atom™ D2550 Processor, Fanless Cooling System
- Wide Operation Temperature: -20°C ~ 60°C
- IP-65 Aluminum Die Cast Front Bezel
- 15" 400 Nits XGA LED Backlight
15" 800 Nits XGA LED Backlight
- Two Easy Access Front USB Ports
- Power Input Protection:
Over-Voltage Protection
Low-Voltage Protection
Reverse Protection



Specifications

System	
Processor	Onboard Intel® Dual Core™ Atom™ D2550
Memory	DDR3 SODIMM x 1, up to 4GB
LCD/CRT Controller	Integrated in Processor
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RS-232 x 2, RS-232/422/485 x 1, USB2.0 x 4 (2 on front; 2 on rear), Line-out x 1, VGA x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive/ CFast™ Slot (Internal)
Expansion Slot	Mini Card x 1
OS support	Windows® 7, Linux Fedora
Mechanical	
Construction	IP-65/ NEMA4 for aluminum die Cast Front bezel & Aluminum chassis
Mounting	Panel/ Desktop/ VESA100/ Rack/ Wall
Dimension	15.35" x 12.74" x 3.08" (389.98mm x 323.48mm x 78.3mm)
Carton Dimension	20.08" x 9.84" x 18.11" (510mm x 250mm x 460mm)
Gross Weight	18.96 lb (8.62 Kg)
Net Weight	13.64 lb (6.2 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10%~95% @ 40°C; non-condensing
Vibration	1 g rms/ 5~500Hz/ Random operation (HDD)
Shock	20 G peak acceleration (11 msec. Duration)
EMC	CE/FCC Class A
Power Supply	
DC input	9 ~ 30V DC input Over-voltage protection; Low-voltage protection; Reverse protection
LCD	
Display type	15" TFT-LCD
Max Resolution	1024 x 768
Max. Colors	16.7M colors
Luminance	HTT: 400 cd/m ² , STT: 800 cd/m ²
Viewing Angle	HTT: 170°(H)/ 160°(V), STT: 160°(H)/ 140°(V)
Back Light	HTT: LED, STT: LED
Back Light MTBF (Hours)	HTT: 50,000, STT: 60,000
Touchscreen	
Type	5-wire resistive
Light Transmission	80%
Life time	35 Million activations

