

AHP-2153

15" Rugged Fanless Touch Panel Computer With Onboard Intel® Atom™ D2700 Processor

Launching in Q2

Features

- 15" XGA (1024 x 768) TFT LCD Display
- Intel® Atom™ D2700 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™ D2700
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 6 (2 on front; 4 on rear), Line-out x 1, VGA x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive/ CompactFlash™ Slot (Internal)
Expansion Slot	Mini Card x 1
OS support	Windows® XP, Windows® 7, Linux Fedora
Mechanical	
Construction	IP-65/ NEMA4 for aluminum die Cast Front bezel & Aluminum chassis
Mounting	Panel/ Desktop/ VESA100/ Rack/ Wall
Dimension	—
Carton Dimension	—
Gross Weight	—
Net Weight	—
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	15 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, STT: 800
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

Ordering Information

- **TF-AHP-2153HTT-A1-1010**
15" Rugged Fanless Touch Panel Computer with Intel® Atom™ D2700 Processor, 400 nits, 1 GB RAM
- **TF-AHP-2153STT-A1-1010**
15" Rugged Fanless Touch Panel Computer with Intel® Atom™ D2700 Processor, 800 nits, 1 GB RAM

Optional Accessories

- **Desktop Stand**
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **1757908401**
12V 84W Power Adapter w/ 3-pin Terminal Block
- **9761115200**
WiFi Kit, 802.11b/g and Bluetooth® V2.0 + EDR Antenna
- **ARM-WK075-0**
Wallmount Kit
- **9761315502**
Rackmount Kit for AHP-2153 Without Carton
- **9761315503**
Rackmount Kit for AHP-2153 With Carton