



FPC-10W07

10.1" Intel® Atom™ Processor D2550 Fanless Multifunctional Touch Panel PC

- > 10.1" WSVGA TFT Touch Panel PC
- > 5-wire Resistive Touch Screen
- > Onboard Intel® Atom™ D2550 1.86GHz BGA Processor
- > VGA, HDMI, Audio, Dual Gigabit Ethernet
- > 1 CF, 2 COM, 5 USB
- > Supports 2.5" HDD
- > Fanless, VESA Compliance
- > Wide Range Voltage Input +12V ~ +26V
- > IP-65 Compliant Front Panel

+ Spec

System	
Processor	Intel® Atom™ D2550 2-Core 1.86GHz processor
System Chipset	Intel® NM10 Express Chipset
System Memory	1 x 204-Pin DDR3 800MHz SO-DIMM up to 4 GB
I/O Chip	Nuvoton W83627DHG-P
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type VII Socket
I/O	
USB	5 x USB 2.0
COM Port	1 x RS-232 1 x RS-232/422/485 (Factory Optional)
HDMI	1 x HDMI
Other	1 x PS2/ KB & MS
Display	
Chipset	Intel® Cedarview Integrated Graphics Supports dual display
Resolution	VGA: Max. resolution 1920x1200 @ 60Hz HDMI: Max. resolution 1920x1080 @ 60Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In and Line-Out
Speaker Output	2 x 1W
Ethernet	
Chipset	2 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Type	AT/ATX (ATX is default setting)
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.95 Kgs
Mounting Kit	Wall / Stand / VESA 75mm x 75mm
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Metal
Construction - Rear	Aluminum + Metal
Dimension	300 x 195 x 56 mm
Certifications	
Certification Information	CE / FCC Class B
Software Support	
OS Information	Win XP / Win 7 / Linux
Power Requirement	



Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI3.0 Compliant
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz; Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
Panel	
LCD Size	10.1"
Display Type	WSVGA
Resolution	1024x600
Pixel pitch	0.21525mm (H) x 0.21525mm (V)
Luminance	200 cd/m ²
Contrast ratio	500
Viewing angle	50 (U), 60 (D), 70 (L), 70 (R)
Response time	12 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
Touch Controller	USB touch (EETI)

+ Ordering

FPC-10W07-00300-1R
10.1" WSVGA ECM-CDV, D2550/2G DDR3 A1

ACC-WIFI-USB-13R
USB WIFI 802.11b/g/n for FPC-10W Series

ACC-ARM-D21R
Black & Silver Table Stand 75/ 100mm

ACC-ARM-D22R
Black Table Stand 75/ 100mm

ACC-CF-XX
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)