



PAN-A54 - 21.5' Touch Panel PC

Features:

1. 21.5" LED LCD
2. Intel Cedarview D2550 Dual Core 1.86G CPU
3. Resolution: 1024 x 600
4. True flat resistive touch / True flat projected capacitive touch
5. Fanless

Mainboard		C45	C86
Processor	Intel Cedarview D2550 Dual Core 1.86G, L2 1M, 10W	Intel Sandy Bridge CPU, LGA 1155-pin, 32nm	
		i5-2390T 2.7G, LLC 6M, 35W	
		i3-2120T 2.6G, LLC 3M, 35W	
		Pentium G630T 2.3G, LLC 3M, 35W	
Chipset	CPU integrated graphic + NM10, 2W	Intel Q67 PCH, 6.1W (AMT/RAID enabled)	
		Intel H61 PCH, 6.1W (AMT/RAID disabled)	
System Memory	2 x DDR3 SO- DIMM socket up to 4GB, FSB 1066 MHz	1 x DDR3 Long-DIMM up to 8GB, 1066/1333MHz	
Graphic Memory	Intel GMA 3650 (Gfx frequency up to 640MHz), DX9	Intel HD Graphics 2000/3000, integrated in CPU, frequency 850MHz (dynamic up to 1.1GHz)	
LCD Touch Panel			
LCD Size	PAN-A54 : 21.5" LED LCD		
Brightness	PAN-A54 : 250 cd/m2		
Resolution	PAN-A54 : 1920 x 1080		
Touch Screen	PAN-A54 : True flat projected capacitive touch		
Storage Device			
Hard Drive	one 2.5" slim SATA HDD bay		
Flash Memory	SATA pSSD (Option)		
Expansion			
miniPCI-E Slot	1		
External I/O Ports			
USB 2.0	4 x USB Type A		
Serial Port	4 x RJ45 COM ports (COM1/2 standard RS232; COM3/4 powered RS232; COM3 default 5V / COM4 default 12V by BIOS setting)		
Parallel Port	N/A	1 x D-sub 25F	
GigaLAN (10/100/1000)	1 (RJ45)		
2 nd GigaLAN (10/100/1000)	1 (RJ45)		
2 nd VGA	1 (DB15 Female)		
Cash Drawer	N/A	1 (RJ11)	
DC Jack (Power input voltage)	1 (8V ~ 36V)	1 (19V)	
Audio Jack	1 x Mic-in, 1 x Line-out		
E-SATA	1 (Option)		
Thermal solution			
Thermal solution	Fanless	PAN-A54: 2 x Fan	
Audio			
Internal Speaker	2 x 2W speaker		
Power			

Power Adapter	PAN-A54 : 90W/19V	120W/19V
Control		
Power Button	1	
Peripheral (option)		
Web cam (Build in)	2M web cam	
WiFi	802.11 b/g/n WLAN card	
MSR-right side	3 track (USB)	
Device Box	Smart IC card Reader / Scanner / Function Keypad / Line Out / Mic In	
Certificate		
EMC & Safety	FCC Class A / CE Mark / LVD / EN 60601-1-2	
Environment		
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
Humidity	20% ~ 85% RH non-condensing	
Dust & Water Proof	IP65 (front)	
Physical Characteristics		
Dimension (W x D x H)	PAN-A54 : 536 x 48 x 328mm (21.1" x 1.9" x 13")	
Weight	PAN-A54 : 8kg (17.6lbs)	
Mounting	75 x 75 mm Standard VESA / Panel Mount	
OS Supported	Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7 (32bit), POSReady 7 (32bit)	Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7, POSReady 7