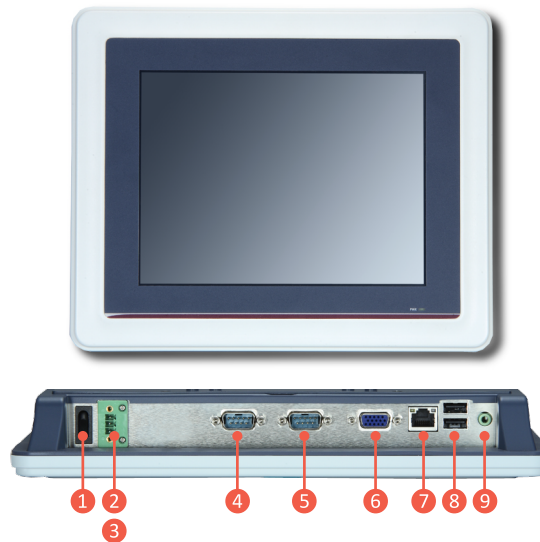


ALPHA PANEL PC | 5840

FEATURES

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor N270 1.6 GHz
- Ultra slim design: thickness 45mm
- Super light weight: 1.3 kg
- Easy for expansion: Mini card
- Supports panel mount, wall mount VESA arm, desktop stand (optional)
- RFID (optional)
- Over-current protection fuse
- Available till 2015



I/O FUNCTIONS

1. Power switch (ATX)
2. Terminal block for DC power input
or
3. Screw conn. w/ AC power adapter
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232)
6. VGA
7. Ethernet
8. USB 2.0 x 2
9. Audio (Line-out)

The **Alpha 5840** is a 8.4" Intel® Atom™-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Atom™ processor N270 1.6 GHz. For wireless network connection, the Alpha5840 offers a mini card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/3G environments.

Super slim & ultra light design

The Alpha 5840 is a super slim touch panel computer for space-limited environment with its thickness of 45mm and weight of 1.3 kg only, which makes it installable anywhere.

Built-in internal WLAN antenna

The Alpha 5840 provides a mini card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the Alpha 5840 in a wireless LAN/GPRS/ GSM/3G environments.

Excellent thermo solution: aluminum back chassis

Patented plastic plus aluminum mechanism design, the Alpha 5840 can dissipate the heat easily and keep the system operation stable.

ORDERING INFORMATION

ALPHA 5840 (Win XP, 1GB, 4GB CF, AC Power)

- Part No. E225840105

Desktop kit

- Part No. E225840102

802.11 b/g wireless LAN kit

- Part No. 84906002R00E

ALPHA PANEL PC | 5840

SPECIFICATIONS

LCD	
Touchscreen	Resistive type. 1 million activations (typical) at a single point
Display Type	8.4" SVGA TFT LCD with LED backlight
Brightness (cd/m2)	250 nits
Resolution	800 x 600 pixels
View Angle (H/V)	160°/140°
System	
CPU	Intel® Atom™ processor N270 1.6 GHz
Chipset	Intel® 945GSE + ICH7
Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
Watchdog Timer	255 levels, 0~255 sec.
Onboard Graphics	Integrated in Intel® 945GSE
I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x Audio (Line-out) 2 x USB 2.0 1 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCIe Mini Card slot
PSU	100-240V AC-DC 60W power adapter
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H)
Environmentals	
Operating temperature	0°C ~ +50°C (32°F ~ 122°F)
Relative humidity	10 ~ 95% @ 40°C, non-condensing
Operation vibration	2.0G, 5~500Hz, random for CompactFlash™

