



ORDERING INFORMATION

Generic Part# - CPU - HDD - RAM - Branding
ALPHA10852LP HB - XX - XX - XX - X

EXAMPLE

ALPHA10852LP HB - 10 - 2CF - 1GB - B

10 inch PPC with Celeron M 1GHz processor,
2GB Compact Flash, 1GB memory and Blue
Chip Technology Branding

KEY

Celeron M 1GHz	10
Celeron M 600MHz	06
40GB HDD	40HD
2GB Compact Flash	2CF
512MB RAM	512MB
1GB RAM	1GB
BCT Branding	B
No branding	N

ALPHA 10852LP HB (high brightness screen)

The Alpha range of Panel PCs are compact, highly integrated, network-ready devices with full I/O connectivity. They are used extensively across a variety of industries including transportation, field surveillance, building automation and industrial control.

The Alpha 10852LP High Brightness model is a 10.4" fanless touch panel with a ULV Intel® Celeron® M 1GHz processor. The ULV kernel offers an economical combination of processing power and low heat generation in a fanless design, reducing fan related system failure and extending the overall operational lifetime. The high brightness (600nits) LCD, makes it ideally suited for outdoor environments. In addition to the standard onboard ethernet, there is an optional mini PCI WLAN card and antenna for wireless networking.

Shock and vibration resistance, thermal stability and EMC compliance come as standard, a special design supports anti-vibration up to 1.3G (5~500Hz) in operation mode. The ruggedized aluminium front panel is IP 65/NEMA 4 compliant, guaranteeing protection where dust and drizzle is encountered. Supported OS include Windows XP/CE and WinXPe.

KEY FEATURES

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 10.4" SVGA (800 x 600) color TFT LCD
- ▶ Fanless cooling system and ULV Intel® Celeron® M 1GHz processor
- ▶ Anti-vibration up to 1.3G (HDD, random)
- ▶ Supports WLAN antenna
- ▶ Over-current power protection-Fuse
- ▶ Panel, Desktop, VESA & Wall mounting options VESA, Wall (optional)

ALPHA 10852LP HB TECHNICAL SPECIFICATION

DISPLAY

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 10.4" SVGA TFT LCD
- ▶ Brightness 600 nits
- ▶ Resolution 800 x 600
- ▶ Viewing Angle (H)130° (V)120°
- ▶ Resistive type touchscreen

SYSTEM

- ▶ ULV Intel® Celeron® M 1 GHz processor
- ▶ Chipset Intel® 852GM+ICH4
- ▶ Award 4Mbit BIOS with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup
- ▶ System memory - 1x 200pin DDR SODIMM up to 1GB
- ▶ Watchdog Timer - reset supported; 255 levels

STORAGE

- ▶ CompactFlash™ or IDE interface 2.5" HDD

LOCAL AREA NETWORK

- ▶ 1 x Ethernet 10/100Base-T
- ▶ Optional Wireless LAN

ENHANCED IO

- ▶ 1 x PS/2 for keyboard and mouse
- ▶ 2 x USB port; USB2.0 compliant
- ▶ 2 x D-sub 9-pin for RS-232
- ▶ 1 x D-sub 9-pin for RS-232/422/485
- ▶ 1 x D-sub 15-pin(female) for VGA output
- ▶ 1 x audio (Line-out)
- ▶ 1 x MiniPCI

ENVIRONMENTALS

- ▶ Operation temperature: 0°C~50°C(32°~122°F)
- ▶ Relative humidity:10%~95% @40°C; non-condensing
- ▶ Operation vibration: 1.3G, 5~500Hz, random for 2.5"HDD
2.0G, 5~500Hz, random for CompactFlash™

POWER

- ▶ 16~28VDC fuse power protection

APPROVALS

- ▶ EMC Emissions EN55022 (A)
- ▶ EMC Immunity EN55024
- ▶ Safety EN60950 - 1
- ▶ CE Marked

OPERATING SYSTEM

- ▶ Windows®XP Pro
- ▶ Windows®XP Embedded
- ▶ Windows® CE.NET

DIMENSIONS

- ▶ 290 (W) x 72.9 (D) x 248mm (H)
- ▶ Weight 4.1kg (12 lb)

OPTIONAL ACCESSORIES

- ▶ Rack mount, VESA & wall mount bracket kit
- ▶ WLAN kit
- ▶ Desktop stand kit

