



ORDERING INFORMATION

Generic Part# - CPU - HDD - RAM - Branding
ALPHA15852LPET - XX - XX - XX - X

EXAMPLE

ALPHA15852LPET - 10 - 2CF - 1GB - B

15 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 15852LP ET (extended temperature)

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 15852LP model is a 15 inch fanless touch panel design available with a ULV Intel® Celeron® M 1 GHz 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. Wide-temperature support between -20°~ 55°C suits harsh environments such as oil foundries and steel works. In addition to the standard onboard dual ethernet, there is an optional mini PCI WLAN card and antenna for wireless networking. Built-in speakers support potential use in POS and Kiosk applications.

Shock and vibration resistance, thermal stability and EMC compliance come as standard, a special design supports anti-vibration up to 2G (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
- ▶ 15" XGA (1024 x 768) color TFT LCD display
- ▶ Fanless cooling system with ULV Intel® Celeron® M 1GHz processor
- ▶ Anti-vibration up to 2G (HDD, random)
- ▶ Built-in speakers
- ▶ Slim design 64.9mm
- ▶ Over-current protection-fuse
- ▶ Panel, Desktop, VESA and Wall mounting

ALPHA 15852LP ET TECHNICAL SPECIFICATION

DISPLAY

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 15" XGA TFT LCD
- ▶ Brightness 450 nits
- ▶ Resolution 1024 x 768
- ▶ Viewing Angle (H)150° (V)150°
- ▶ Resistive type touchscreen

SYSTEM

- ▶ ULV Intel® Celeron® M 600MHz 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

- ▶ 2 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
- ▶ 2 x built in speakers

ENVIRONMENTALS

- ▶ Operation temperature: -20°C~55°C(-4°~131°F)
- ▶ Relative humidity:10%~95% @40°C; non-condensing
- ▶ Operation vibration: 2G, 5~500Hz, random for 2.5" HDD
3G, 5~500Hz, random for CompactFlash™

APPROVALS

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

POWER

- ▶ 16~28VDC fuse power protection

OPERATING SYSTEM

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

DIMENSIONS

- ▶ 396 (W) x 64.9 (D)x 312 (H) mm
- ▶ Weight 6.5kg

OPTIONAL ACCESSORIES

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

