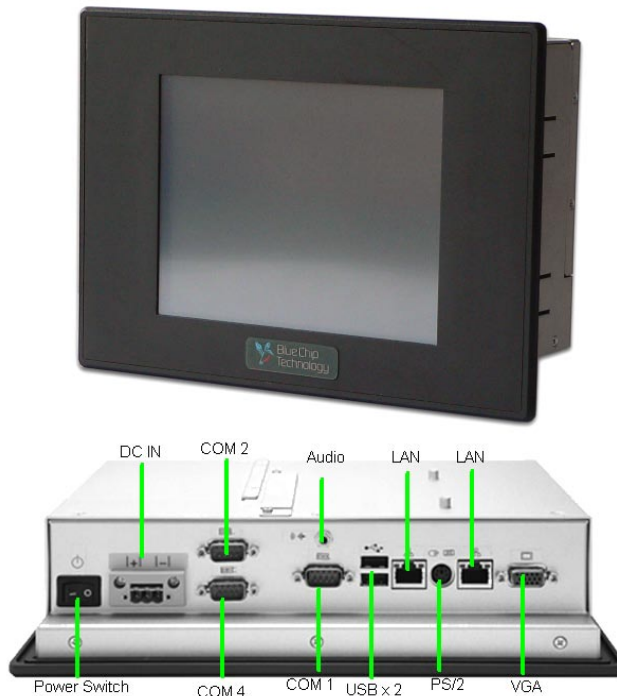


ORDERING INFORMATION

Generic Part# - CPU - HDD - RAM - Branding
ALPHA8LXLP - XX - XX - XX - X

EXAMPLE

ALPHA8LXLP - LX8 - 2CF - 512MB - B
8 inch PPC with LX800 500MHz processor,
2GB Compact Flash, 512MB memory and
Blue Chip Technology Branding



KEY

AMD LX800 500MHz	LX8
40GB HDD	40HD
2GB Compact Flash	2CF
512MB RAM	512MB
1GB RAM	1GB
BCT Branding	B
No branding	N

ALPHA 8LXLP

A compact, highly integrated, network-ready device with full I/O connectivity, the Alpha LX is a flexible and reliable industrial HMI platform, ideally suited for space-limited environments in the transportation, factory automation, process control, home automation, kiosk and POS markets.

The Alpha 8LXLP is a 8.4" fanless touch panel computer. The AMD LX800 500MHz core 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 onboard mini PCI and PC104 expansion slots provide a dependable and convenient way to add-on functions. In addition to the standard dual LAN, there is an optional mini PCI WLAN card and antenna. The PC104 expansion slot houses a range of common cards which can be recommended by the Blue Chip Technology Sales team.

Shock and vibration resistance, thermal stability and EMC 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
- ▶ 8.4" SVGA (800 x 600) color TFT LCD display
- ▶ Fanless cooling system
- ▶ Dual LAN & WLAN antenna
- ▶ Compact design for space-limited applications

DISPLAY

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 8.4" SVGA TFT LCD
- ▶ Brightness 220 nits
- ▶ Resolution 800 x 600
- ▶ Viewing Angle (H)120° (V)100°
- ▶ Resistive type touchscreen

SYSTEM

- ▶ AMD LX800 500MHz CPU with integrated graphics
- ▶ CS5536AD+ITE8888G chipset
- ▶ 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; USB 2.0 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
- ▶ 1 x PC/104 expansion (optional)

OPERATING SYSTEM

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

POWER

- ▶ 16~28VDC fuse power protection

APPROVALS

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

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 CF

DIMENSIONS

- ▶ 280 (W) x 69.3 (D) x 200mm (H)
- ▶ Weight 3.5kg (7.7 lb)

OPTIONAL ACCESSORIES

- ▶ Rack mount, VESA & wall mount bracket kit
- ▶ WLAN kit
- ▶ Desktop stand kit
- ▶ PC104 cover kit

