



## ORDERING INFORMATION

Generic Part# - CPU - HDD - RAM - Branding  
ALPHA17945 - XX - XX - XX - X

### EXAMPLE

ALPHA17945 - CM - 80HD - 1GB - B

17 inch PPC with Celeron M 1.86GHz processor, 80GB hard drive, 1GB memory and Blue Chip Technology Branding

### KEY

Core 2 Duo 1.66GHz	C2D
Celeron M 1.86GHz	CM
80GB HDD	80HD
250GB HDD	250HD
512MB RAM	512MB
1GB RAM	1GB
2GB RAM	2GB
BCT Branding	B
No branding	N

## ALPHA 17945

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.

Based on the Intel Core 2 Duo platform, the Alpha 17945 is the best choice for high speed computing; simulation or control. Built in speakers also make this model suitable for a range of kiosk and multimedia applications. For an economical option, the Alpha 17945 is also available with a single core Celeron M 1.86GHz processor. Multiple functions such as a 17" color TFT LCD, digital I/O and dual Gigabit Ethernet capability are housed in a slim 84mm build, ideal for a space limited environment. An optional WLAN module is available for wireless connectivity.

The ruggedized aluminium front panel display provide superb viewing quality and are equipped with a resistive touch screen. Shock and vibration resistance, thermal stability and EMC compliance come as standard. Supported OS include Windows XP/CE, Vista and WinXPe.

## KEY FEATURES

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 17" SXGA TFT LCD display
- ▶ Intel® Core™2 Duo and Celeron M processors supported
- ▶ Intel® 945GME+ICH7M chipset
- ▶ Ultra slim design: 84mm
- ▶ Built-in two speakers
- ▶ Dual gigabit ethernet
- ▶ Supports Windows® Vista Home
- ▶ Panel/Rack/VESA mounting options

## DISPLAY

- ▶ IP65, NEMA 4 rugged protection, aluminum front bezel
- ▶ 17" SXGA TFT LCD
- ▶ Brightness 260 nits
- ▶ Resolution 1280 x 1024
- ▶ Viewing Angle (H)140° (V)120°
- ▶ Resistive type touchscreen

## SYSTEM

- ▶ Socket M for Intel® Core™2 Duo/Core™ Duo/Core™ Solo processor
- ▶ Intel® 945GME+ICH7M chipset
- ▶ 2 x 240-pin DDR2 DIMM memory max. up to 2GB
- ▶ Watchdog Timer - reset supported; 255 levels

## STORAGE

- ▶ IDE interface 3.5" HDD
- ▶ Optional 2 x 2.5" HDD

## LOCAL AREA NETWORK

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

## ENHANCED IO

- ▶ 2 x PS/2 for keyboard and mouse
- ▶ 4 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, Mic in)

## ENVIRONMENTALS

- ▶ Operation temperature: 0°C~50°C(32°~122°F) or 20°~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 CF

## APPROVALS

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

## POWER

- ▶ AC-in 90~246VAC, 180W

## OPERATING SYSTEM

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

## DIMENSIONS

- ▶ 420 (W) x 84 (D) x 354.8 (H) mm
- ▶ Weight 9.5 KG (20.9 lb)

## OPTIONAL ACCESSORIES

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

