



Website: www.heber.co.uk
Sales: +44 (0) 1453 732302
sales@heber.co.uk
Support: +44 (0) 1453 732312
support@heber.co.uk



Axis 945

A high performance, PC-based video gaming controller.

Axis 945

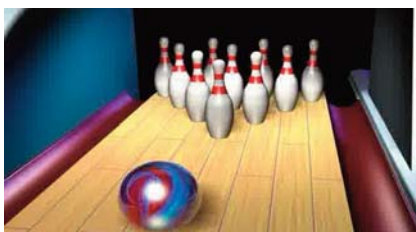
Axis 945 is a PC based multimedia gaming control system with powerful levels of performance, stunning graphics and multiple-connectivity. Axis 945 is the perfect control system for high performance gaming machine applications, in the casino, gaming and amusement environments.

XLine gaming I/O peripherals

Axis 945 has been specially designed to work with Heber's XLine range of USB peripheral I/O boards. The XLine range provides all the necessary I/O, real time control and security needed for your gaming control system.

Backplane option for flexible connectivity

At Heber, we recognise the importance of flexibility. X15, part of Heber's XLine range, can be optionally used with Axis 945 and a backplane, to provide connections for standard gaming industry peripheral devices. Serial communication ports and a host of other I/O ports are also included, to give you the ultimate connectivity flexibility.



Key features

- Intel® Celeron® Mobile 1.86GHz processor (upgradeable with other Intel® processors)
- Gaming I/O provided by XLine USB I/O peripheral
- Additional Serial communication ports provided by XLine USB I/O peripheral
- Customer-locked enhanced security features utilising Triple-DES security
- Optional high performance nVidia® Dual Video graphics cards
- Linux or Windows® XPe

Ideal for...

- PC-based Video Gaming Systems
- Video Lottery Terminals
- Server Based Gaming
- Multi-games
- Fixed Odd Betting Terminals (FOBT)

The Heber advantage

When you buy an Axis 945 from Heber you benefit from:

- 25 years gaming industry experience
- Compliance with worldwide gaming standards
- Our team of dedicated specialist engineers
- Longevity of supply
- Free customer support
- Total product dependability

Axis 945 Technical specifications

MAIN UNIT

Processor

Intel® Celeron® M440 1.86GHz (fitted as standard)
Higher speeds or Dual Core available on request

Chipset

Intel® 945GM (Mobile Technology)

Main Memory

Up to 2GB DRAM

Video Memory

Intel® GMA 950 with up to 192MB video memory shared with system memory

Video

1 off onboard VGA (Analogue) video output

Video Expansion

PCI Express x8 slot for optional nVidia® 7300LE graphics card provides Dual Video outputs:

- 1 off VGA (Analogue)
- 1 off DVI-I (Analogue/Digital)

Mass Storage

1 off IDE Ultra ATA-100 connector (internal)
1 off SATA connector (internal)
Optional dual Compact Flash adapter

Network

1 off 10/100/1000 Mb/s Gigabit Ethernet port
1 off 10/100 Mb/s Ethernet port

USB Ports

4 off USB 2.0 (external)

Power Source

Internal ATX PSU (90V - 240V)

LEDs on Enclosure

Power on
Disc activity

Operating System

Linux 2.6 series kernel supported
Windows® XPe

Other Front Panel Ports

1 off PS/2 Mouse
1 off PS/2 Keyboard
Up to 4 off Serial ports (9pin D-Type male)
Audio ports (Line in, Line Out & Mic)

Dimensions

150mm (H) x 238mm (D) x 270mm (W)
(5.91" (H) x 9.37" (D) x 10.63" (W))
Width over mounting flanges 310mm (12.2")

BACKPLANE WITH X15 OPTION

Serial Communication Ports

2 off serial ports available from:

- ccTalk & ccTalk
- ccTalk & TTL/SPI
- 1 ccTalk & RS232

I/O Ports

12 off Inputs (5V CMOS thresholds with 5V pull-ups)
24 off Outputs (open drain up to 250mA each)
20 off Inputs (5V CMOS thresholds with 5V pull-ups)
8 off Outputs (open drain up to 250mA each)
1 off DIL switch
6 off Outputs (TTL Open Drain)
8 off Power Off Inputs
SEC Meter connector
1 off 8 way DIL switch

Security

Smart Card
iButton® Interface

LED Indicators

+3.3, +5V, +12V, -12V power supply LEDs

Connectors

General I/O: 40 way, 34 way, 14 way headers
Serial I/O: 16 way, 10 way headers
6 way power connector (+12V)
Communication ports: 20 way header
Audio in: 3 way 3.5mm jack socket

Power Supply

Regulated +12V DC input

Dimensions

170mm x 260mm (6.70" x 10.24")



Related datasheets

X10i USB expansion board
Datasheet 80-20239

X15 USB expansion board
Datasheet 80-20240

Datasheet 80-20235-2 05/08

© Heber Ltd 2008
Heber Ltd, Belvedere Mill, Chalford,
Stroud, GL6 8NT. UK

Precise specifications may change
without prior notice. E&OE.

This document does not constitute
an offer for the sale of any particular
product. All trademarks are
acknowledged.