

Cambrionix Professional-Series 49 Port USB2.0 Test & Development Hub

DESIGN CONSULTANCY

Our company team possesses both depth and breadth of professional experience, with a flair for innovative vision. Please contact us to discuss how we can support your challenging projects and business objectives.

STARTUP SUPPORT

We recognise that starting any company in a competitive economic climate presents unique challenges to the smaller business. With a focus on cost and efficiency we can support your entire projects from start to finish, helping to avoid the many pitfalls and optimising your chances of commercial success.

A COMPLETE SERVICE

Although a small company ourselves, we are professionals with the skills and experience to understand your projects and business objectives. We also design and offer niche products that could prove prohibitively expensive or beyond the realms of larger companies with a different business focus.

Please contact us to arrange an initial consultation.



- 49 Powered USB2.0 ports presenting a professional alternative to cascaded commercial USB hubs, untidy cabling, and reliability issues.
- Stand-alone use on the bench, wall-mountable, or space-efficient inclusion in screened enclosures.
- No special drivers required, with up to 500mA per port, limited only by your 5V power source or standard ATX power supply.

A complete kit with all available options comprises:

- One 49-port host interface board
- Fitted upper and lower protection plates *
- Approved PSU and extension cables *
- User manual with application guides
- Twelve months RTB warranty

* Optional items available to order separately

Please contact us for options, trade and volume pricing, or visit www.cambrionix.com for further details.

Illustrations show upper and lower protection plates assembled to the mainboard, as supplied when ordered with this product



About Cambrionix

Our key focus is the development of niche-market products and innovative solutions for a wide range of commercial and industrial applications, both as own-brands or on behalf of our clients.

The company was formed in 2007 by a small team of technology experts possessing many years of collective experience. Examples include: Commercial and industrial product design, UK and China manufacturing process development, automated testing, cost and quality control, and project management.

We also offer guidance and support to early start-up companies who recognise the value of vision, experience, and informed advice.

For sales, general and technical enquiries please visit www.cambrionix.com or contact us at...

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cambrionix™

Applications

- Interoperability and software driver testing
- Production testing and gang programming
- Design verification and characterisation
- Soak testing and quality assurance
- Formatting and imaging bus-powered hard-drives
- Large scale USB network attached storage
- USB Serial servers

Features

- USB specified 500mA simultaneously available at all ports
- Suitable for laboratory, desk and test environments
- Robust when fitted with protection plates for standalone use
- Possibilities for wired remote control and interface
- Integral port protection from ESD and over-current
- Compact size, suited to custom enclosures or wall-mounted
- No special Windows drivers required

Specifications

Model Number:	CBRX49PH003A
Standards Supported:	USB1.1 and USB2.0
Data Rate:	All data rates supported (up to 480Mbps)
Power Requirements:	5V DC +/-5% 28 Amps max (with all ports sourcing 500mA)
Compliance:	Designed and manufactured to satisfy ROHS and UL requirements
Operating Temperature:	0 to 70°C
Operating Humidity:	0 to 95% (non-condensing)
Storage Temperature:	-20 to +80°C
Storage Humidity:	0 to 95% (non-condensing)
MTBF:	>20,000 hrs over full operating temperature and humidity range
Mainboard Dimensions:	270mm x 221mm x 15mm (W x D x H)
Mainboard Weight:	500g max

Minimum Requirements

Host Interface:	One free host USB port
Operating System:	All supporting USB, with applicable drivers for host hardware
Power Source:	Lab supply or generic ATX* PSU with +5V o/p rated at 28 Amps recommended

Package Contents

Mainboard:	49 Port USB2.0 Hub Module
Documentation:	User manual

Optional Hardware*:	<ul style="list-style-type: none"> ■ Protection plates for standalone operation ■ Pre-approved ATX Power Supply Unit ■ Cable Pack comprising 49x 1m USB-A extender cables and 1x 1m USB A-B host interface cable
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*Contact Cambrionix for details and pricing