

Dave S.r.l.  
Via Talponedo, 29/A  
33080 Porcia (PN) - ITALY  
+39 0434 921215  
[www.dave.eu](http://www.dave.eu)  
[wiki.dave.eu](http://wiki.dave.eu)  
[sales@dave.eu](mailto:sales@dave.eu)  
[info@dave.eu](mailto:info@dave.eu)

# EMBEDDED PC





Printed in Italy

#### TRADEMARKS

All other trademarks are the property of their respective owners

#### COPYRIGHT

All rights reserved. Specifications may change any time without notification

#### HISTORY

VERSION	DATA	NOTE
1.0.0	01/01/2012	



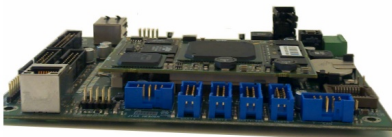
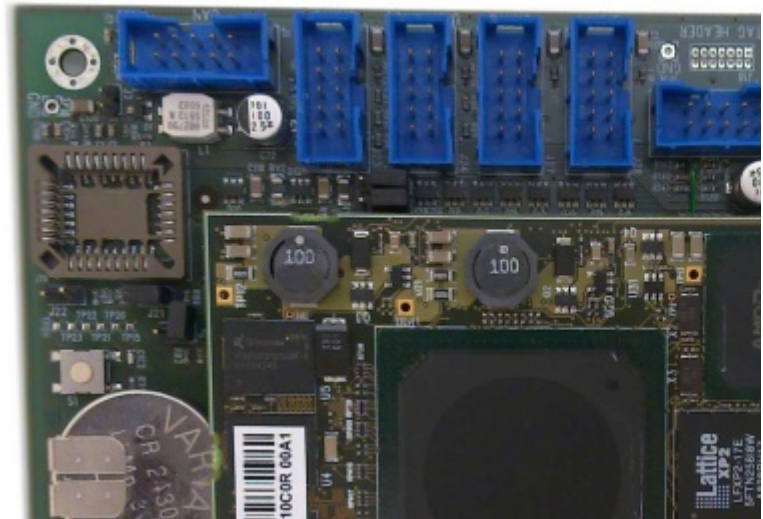
Dave S.r.l.  
Via Talponedo, 29/A  
33080 Porcia (PN) - ITALY  
+39 0434 921215

[www.dave.eu](http://www.dave.eu)  
[wiki.dave.eu](http://wiki.dave.eu)  
[sales@dave.eu](mailto:sales@dave.eu)

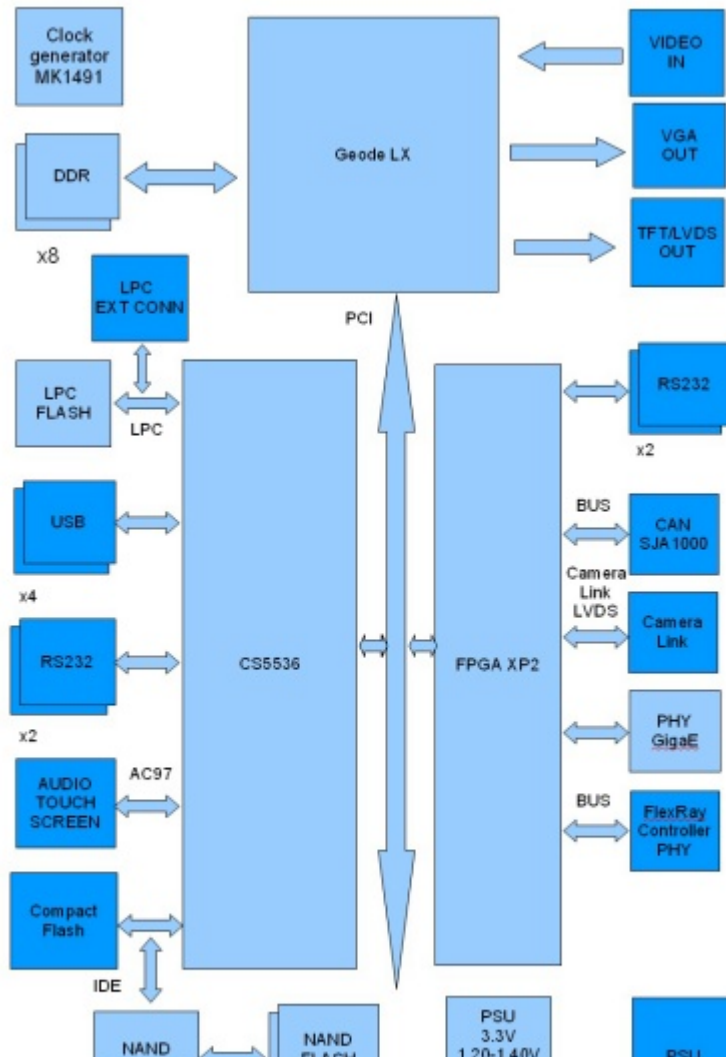
DAVE embedded PC board is based on the Neptune processor module, providing a rich set of ready-to-use I/O interfaces and peripherals. This board is the perfect solution for an easy introduction in the embedded world providing the end user of all features of X86 boards but really oriented at the embedded application where reliability, quality and performance are the key words. These solution provides all main features required by the industrial typical interfaces and offers the real great benefits of high customization possibilities thanks to the FPGA on board.

## Main Features

- CompactFlash slot
- 4 USB host ports
- VGA connection
- TFT output (LVDS)
- LVDS input port
- PCI (on proprietary connector)
- 10/100/1000 BT Ethernet
- 10/100 BT Ethernet
- AMD Geode LX JTAG port
- LPC bus
- 3 RS232 COM ports
- 1 RS232/RS485 port (autodirection in case of RS485 communication)
- CAN port
- external LPC flash enabling dual-boot capability
- touch screen interface.



- AMD Geode x86/x87-compatible CPU core up to 600MHz
- up to 512MB DDR
- up to 1GB NAND Flash
- up to 1MB LPC Flash
- BIOS Open Firmware
- Multitasking OS Linux 2.6.xx
- Windows WindowsCE 6.0
- Rohs compliance
- IEC pre-compliance approvals



## Main Features

Power supply	9-36V	Humidity	20 - 80%
Power consumption	Typ. 5-6W	Size	140 x 165 mm
Operating temp. range	-20...85°C	Rohs compliance	Yes
Storage temp. range	-40...100°C	IEC pre-compliance	Yes

## DAVE dashboard order codes

Please contact our Sales Department (sales@dave.eu) for available model and prices.



All content and materials on this documents are provided "as is" without warranty of any kind. The entire risk as to the results and the performance of the information is assumed by the user, and in no event shall Dave be liable for any consequential, incidental or direct damages suffered in the course of using the information in this case history. Dave and its respective suppliers make no representations about the suitability of these materials for any purpose and disclaim all warranties and conditions with regard to these materials, including but not limited to, all implied warranties and conditions of merchantability, fitness for a particular purpose, title and non-infringement of any third party intellectual property right.

DAVE S.r.L

DAVE S.r.L.  
Via Talponedo, 29/A  
I-33080, Porcia (PN)  
ITALY  
Tel +39.0434.921215  
Fax +39.0434.1994030  
VAT number 01365430931  
info@dave.eu

#### Sales information

Sales department:sales@dave.eu  
Germany: Sunrise Systems Gmbh info@sunrise-systems.de  
USA: Smart Embedded Systems baldev@smartembeddedsystems.com  
United Kingdom & Ireland: Sarsen Technology Limited info@sarsen.net

#### Technical Support

Generic technical support | support@dave.eu  
Zefeer technical support | support-zefeer@dave.eu  
Neptune technical support | support-neptune@dave.eu  
Qong technical support | support-qong@dave.eu  
Aria technical support | support-aria@dave.eu  
Lizard technical support | support-lizard@dave.eu  
Naon technical support | support-naon@dave.eu  
Maya technical support | support-maya@dave.eu  
Diva technical support | support-diva@dave.eu  
Dido technical support | support-dido@dave.eu



Dave S.r.l.  
Via Talponedo, 29/A  
33080 Porcia (PN) - ITALY  
+39 0434 921215

[www.dave.eu](http://www.dave.eu)  
[wiki.dave.eu](http://wiki.dave.eu)  
[sales@dave.eu](mailto:sales@dave.eu)