



Both software are included in separate Development Kits and distributed under GPL licence. Development Kits include also a full *toolchain* building and tuning procedure that greatly speeds up developer's job.

Application examples implemented and included in the Development Kit include *SNMP agents*, *Embedded Web Servers*, *Fieldbus Gateway* and *Protocol Proxy* .

A very powerful run-time environment has been also ported over B2, i.e. a **JAVA Virtual Machine (JVM)**. This environment is well known because of the agility of the code to solve the most common issues in developing network applications. Two JVMs are available, the former under eCos, the latter as an application of uCLinux. Both are distributed under GPL licence.

Main Characteristics and Features

CPU	ARM7TDMI (60 Mips/24 Drystone V2.1)
Cache	8 kBytes
SDRAM	16 MBytes
Flash	2-4 MBytes
Power Supply	single +3.3Vdc \pm 5%, , internally regulated
Current & Power	220 mA max (720 mW)
Weight	55 g
Physical	(B2/NC 80 mm x 56 mm); (B2/K 98 mm x 56 mm)
Connectors	2 connectors 20 x 2 x 2.54 (B2/K only) RJ45, 2 x RJ12
UART/RS232	2
IrDA 1.0	2 (as an alternative to UARTs)
I ² S	1 (as an alternative to UART)
I ² C bus master	100 kbps (standard) – 400 kbps (fast)
PWM Timer/ Counters	max 4
Analog Inputs	8 (max 100 kSample/s) @ 10 bit
Digital I/O	max 70
LCD controller	256 colors
Standard Applications	SNMP (V1,2 & 3) Agent Web Server RS232 tunneling
Agency approvals	CE mark (ITE & ISM)

Sales and informations:

 **DAVE Srl**

Via Forniz 2, 33080 Porcia (PN)

Tel. +39.0434.921215

Fax +39.0434.591631

e-mail: <mailto:info@dave-tech.it>

DAVE