

Jet Developer Kit



Introduction

The **Jet developer kit** is the smoothest way to begin developing interactive application or customized services using efficient, cost-effective and featureful linux STB.

The product is a ready to go decoder with all the features for the best development platform.



Target applications

The main tasks you can quickly achieve with this development solution are the following:

- Prototype and test xlet applications related to broadcast services
- Extend the middleware for dedicated task (health care, distance learning, unattended kiosk)
- Monitoring tool for DVB signal analysis and control

Software on board

The decoder has these software on board:

Linux Kernel	2.6.17
Soc driver	Avalpa own (binary only, debug edition)
Busybox	V1.7.2
Java virtual Machine	Sun Microsystems Phoneme Advanced MR2 b34
Jet Middleware	2.0

Components of Jet Developer Kit

- DgStation Cubecafe Prime with **Jet middleware preloaded**, both DVB tuners, hard disk
- Jet Software development kit for Vulcan **full free source code**
- 1 year Jet automatic upgrade (through internet connection)
- Jet development manual
- 6 month account for supported trouble ticket system
- Sample transport streams with audio video and demo applications with full source code
- Low level drivers with debug mode

Jet Developer Kit



Hardware



Accessories:

- Remote Control
- Scart cable
- Null modem serial cable
- Both tuner DVB-S DVB-T

Hardware Features:

Decoder	DgStation CubeCafe prime 350
System on Chip	IBM Vulcan STB25xx
CPU	PowerPc 405
DVB standard	DVB-S DVB-T DVB-C
Video	Mpeg2 SD (MP@ML)
Memory	64MB Ram 8 MB Flash
Hard disk	160GB
Ethernet	10/100 Mb DM9000 chip
Usb	1.1 Host controller

Rear view



Bullet points about Jet the free middleware

Jet is a **java based** environment that can lead to easy and rapid development and deployment of custom services running on embedded reliable linux design and broadcaster or internet networks.

JET: the middleware for Java language

- running on [DGStation Cubecafe](#) box
- Power Pc Linux kernel
- Sun Phoneme Advanced Java VM
- triple buffering 32bpp graphic
- hard disk for local storage
- ethernet and usb interfaces
- support xlets from DVB broadcast, local disk and IP network



Only 950 € til 31.12.08