

Touch and control

The ECS 5 D flat-panel PC by IST (Germany) is based on a Cortex A8 micro-controller by Freescale. The computer is equipped with a 7-inch or 10,2-inch touch-screen and provides a CAN interface. It is also available as an open-frame version.

IN HMI CONFIGURATION, the device is suited for embedded applications meeting demands for 2D/3D graphics processing. Typical applications include point of sales, multimedia, digital signage, medical, gaming and others. In control configuration, the device provides an expanded the functionality: A set of I/O remote processing via CANopen. In this mode, the device is intended as a control computer with HMI functionality, avoiding the use of two separate items. It is suited for applications like industrial control, test and measurement, etc. The flat-panel PC supports the operating systems Ubuntu Linux, Windows CE, Windows Embedded Compact 7 and Android. In addition to the OS routines for the standard PC functions, specific drivers covering the hardware options on board such as CANopen, digital and analog I/O are available on request.

