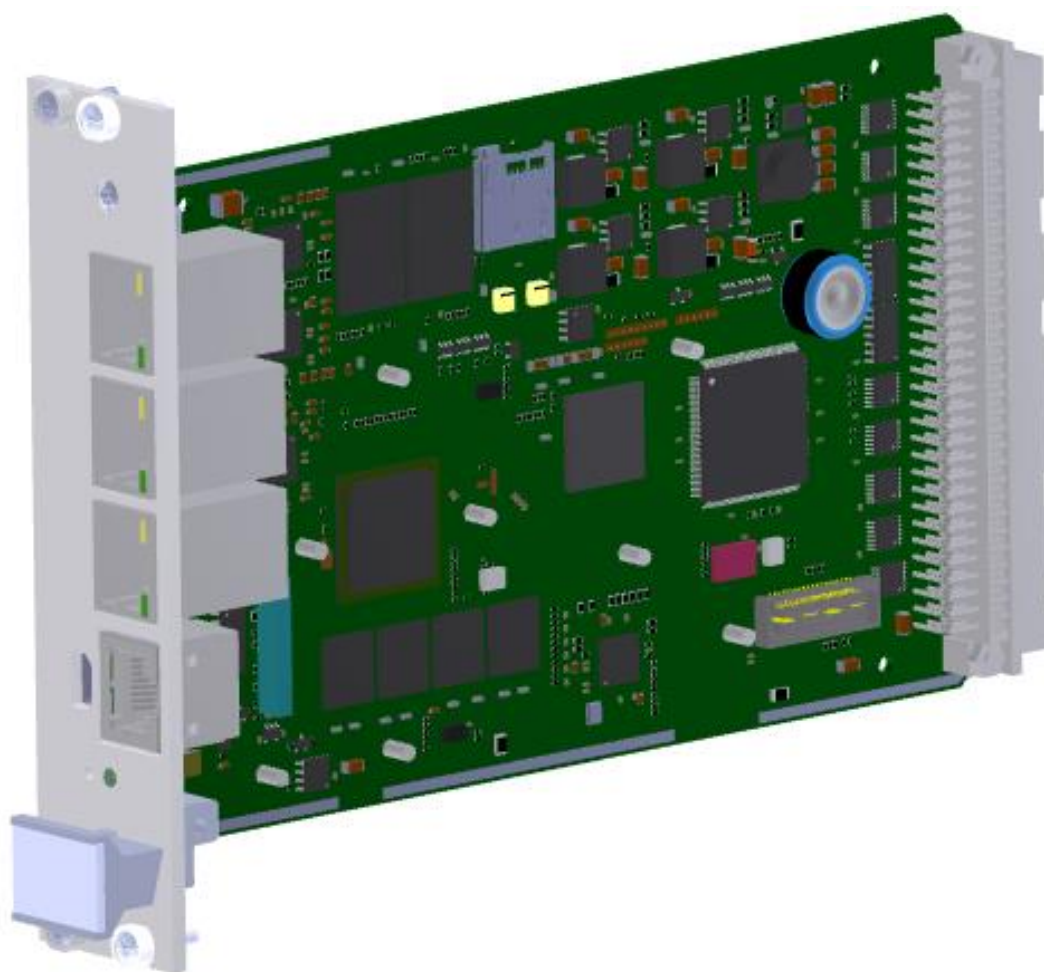


X7-PSM2

CPU BOARD

ID 30260



CPU board is used to manage the X7 system card cage and optionally VME for implementing control functions. Card performance is dependent on the CPU module installed. The package can have a mSATA SSD or microSD. The CPU can work under Linux and QNX operating systems.

**BASIC PARAMETERS:**

Operating temperature range:	-10°C to +70°C -40°C to +85°C (optionally)
Relative Humidity:	to 95%

BUS CONNECTOR INTERFACES:

Power supply:	5V DC $\pm 20\%$ / 350mA Power dissipation: to 8W
CPU:	PowerPC P1010 800MHz
RAM/Flash:	2GB/8GB
Available interfaces:	Ethernet : 3 \times 1 Gb/s VME bus Master A24/A16:D16/D8 HDD: 1 \times mSATA, microSD USB: 1 \times USB 2.0 Serial 1 \times RS232

CONNECTOR INTERFACES ON THE FRONT PANEL:**GALVANIC ISOLATION:**

Front panel / system supply	1kV DC
ETH port / system supply	0,5kV DC

SOFTWARE:

The following operating systems can be used:
UBoot, Linux, QNX®

POSSIBLE MANUFACTURING OPTIONS:

Conformal coating

DIMENSIONS:

Card dimensions:	100x160 mm
Front panel width:	6TE (30 mm)
Weight:	ca. 260g

