

EUROTECHwww.eurotech.com**Adbc8025**

The Adbc8025 is a Computer-On-Module (COM) equipped with the Intel EP80579 (previously known as "Tolapai"). Utilized with an application-specific carrier board, this PICMG COM.0 R1.0-compatible board allows you to freely design a variety of embedded systems.

The Intel EP80579 is an SoC (System on Chip) that integrates various functions, including the memory controller and I/O controller with the CPU core, and a Pentium M processor running at 1.066 GHz.

The Adbc8025 incorporates up to 2 GB of PC2-4200-compatible SO-RDIMM main memory and supports the ECC function (automatic correction of single bit errors and detection of double bit errors).

**FEATURES**

- › COM module complying with COM Express standard (440-pin, Type 3)
- › Intel® EP80579 integrated processor 1.066 GHz
- › DDR2 SDRAM SO-RDIMM 2 GB maximum, ECC support, 2 MB Flash memory
- › 1 SXGA port: 1280 x 1024 at 24-bit, 2 SATA 1.0a interfaces, 150 MBps, 5 USB 2.0 ports, 3 10/100/1000BASE-TX ports, 2 serial ports, 2 CAN 2.0b ports
- › 1 PCI Express x4 (or 4 x1), PCI: 32 bits/33 MHz, 3.3 V; PCI Local Bus 1.1

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