UMC UM82C86

The UMC UM82C86 is the name I've given to this ISA 16-bit I/O card. It has two chipsets: UM82C863F and UM82C865F. There is another name in the silk: TK-82C863/865-2J-D01. It features an IDE channel (a HDC), a Floppy controller (FDC), a parallel port (LPT), a game port, and two RS-232 serial lines (COM) driven by two 16450 UARTS.

The parallel port can be 0x378 or 0x278, and the serial ports can be 0x3F8 and 0x3E8 for the first (COM1 and COM3), and 0x2F8 and 0x2E8 for the second (COM2 and COM4 respectively).

Jumper Configuration

Jumper	Position		Description
	1-2	2-3	
JP1	COM2	COM4	Serial port 2 switch
JP2	Enabled	Disabled	Serial port 2
JP3	Enabled	Disabled	Game port
JP4	COM1	COM3	Serial port 1 switch
JP5	LPT1	LPT2	Parallel port switch
JP6	Enabled	Disabled	Serial port 1
JP7	Enabled	Disabled	Floppy Controller
JP8	Exist	Not Exist	Other HDC
JP9	Enabled	Disabled	IDE HDC
JP10	Enabled	Disabled	Parallel port

Connectors

Jumper	Description
J1	IDE IOCHRDY (OPTIONAL)
J2	HD LED

Extra information

COM1 and 3 use IRQ 4, and COM2 and 4 use IRQ 3.

Odilo says that the back of his card says `LPT2/LPT3` and not `LPT1/LPT2` as I tried.

If this IO Card is the only HDC in your computer, then the switch JP8 must be at `NOT EXIST`.