

# USB Peripherals

Expand your horizons with Kouwell

## USB Cards

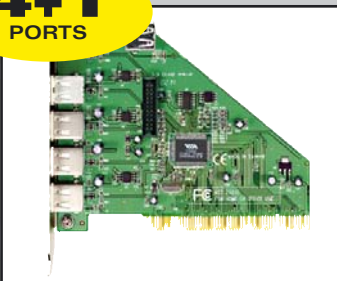
**2** PORTS



### KW2580E2- Kouwell PCI USB 2.0 Card 2 Ports

- Chipset: VIA
- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Provides 2 external USB 2.0 Ports
- Compliant with Universal Host Controller Interface Specification Rev 1.1
- Compliant with Enhanced Host Controller Interface Specification Rev 1.0
- Hot-Swapping and Plug-n-Play
- Compatible with Windows 98SE, ME, 2000, XP

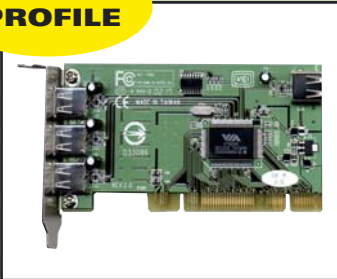
**4+1**  
PORTS



### KW2580E4- Kouwell PCI USB 2.0 Card 4 Ext. Ports & 1 Shared Int.

- Chipset: VIA
- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Root hub with 4 external and 1 internal shared downstream facing ports which are shared by OHCI and EHCI Host Controller core
- Supports PCI-Bus Power Management Interface release 1.1
- Hot-Swapping and Plug-n-Play
- Compatible with Windows 98SE, ME, 2000, XP

**LOW  
PROFILE**



### KWL2580E- Kouwell PCI USB 2.0 Low Profile Card 3 Ports

- Chipset: VIA
- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Low profile bracket for slimline PC
- Provides 3 external and 1 internal USB 2.0 Ports
- Supports PCI-Bus Power Management Interface release 1.1
- Hot-Swapping and Plug-n-Play
- Compatible with Windows 98SE, ME, 2000, XP

**USB 2.0  
HOST**



### KWF2580N- Kouwell PCI USB 2.0 Card 3.5" Front 4 Ports

- Chipset: NEC
- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Provides 4 USB 2.0 ports
- Fits in any 3.5" front bay
- 32-bits 33MHz host interface compliant to PCI specification release 2.2
- Compatible with Windows 98SE, ME, 2000, XP

**LAPTOP  
USERS**



### KW20022- Kouwell CardBus USB 2.0 Card 2 Ports

- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Compliant with 32-bit Cardbus specification
- Root hub with 2 external downstream facing ports which are shared by OHCI and EHCI Host Controller Core
- Plug'n'Play
- Compatible with Windows 98SE, ME, 2000, XP

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## USB Hubs

### MULTI FUNCTION



#### KW586- Kouwell USB 1.1 Hub 3 Ports + Parallel + Serial

- 1 upstream B-type USB Port (to host PC)
- 3 downstream A-type USB ports
- 1 25-pin IEEE 1284 ECP/EPP/SPP high speed parallel port
- 1 9-pin 16C550 UART high-speed serial port
- Plug'n'Play
- Compatible with Windows 98, 2000

### 4 PORTS



#### KW2580H- Kouwell External USB 2.0 Hub 4 Ports

- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- Tiered star topology supporting up to 5 tiers and 127 devices
- Plug'n'Play
- Auto detect speeds and connections of device
- Supports Self-powered mode
- Compatible with Windows 98SE, ME, 2000, XP

### FRONT BAY



#### KW2591- Kouwell Internal 3.5" USB 2.0 Hub 4 Ports

- Chipset: NEC
- Compliant with USB 2.0 (Data Rate 1.5/12/480 Mbps)
- 4 downstream ports and one upstream port
- Plug'n'Play
- Tiered star topology supporting up to 5 tiers and 127 devices
- Compatible with Windows 98SE, ME, 2000, XP

## USB Cables

### NETWORK



#### KW585A- Kouwell USB 1.1 Network Link Cable

- USB host to host communication to host to hub communication
- Full compliance with the Universal Serial Bus specification Ver. 1.1
- Dual data buffer supporting two-way data transfer
- Low power consumption
- Supports suspend and resume for power management
- Supports remote wake-up
- IBus powered from either USB port
- Compatible with Windows 98, 2000 & Windows 95 OSR 2.1



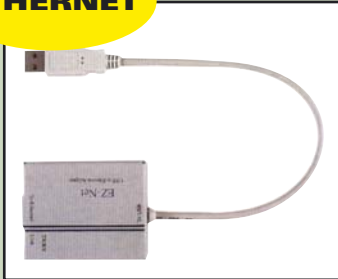
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## USB Adaptors

### ETHERNET



#### KW588- Kouwell USB 1.1 to 10 Base Ethernet Adaptor

- Connects to any 10Base-T LAN, HAN or Mobile Network Applications
- Advanced 16-bit processor for USB transaction processing & control data processing
- Fully IEEE 802.3 compliant 10Mbit/sec Ethernet MAC Layer
- 1.5K x 16 internal RAM buffer and 32K x 8SRAM
- Serial interface for EEPROM
- Watchdog timer & Internal clock generation
- Plug'n'Play
- Compatible with Windows 98, 2000

### ETHERNET



#### KW588A- Kouwell USB 1.1 to 10/100 Ethernet Adaptor

- 10/100Mbps auto-negotiation adaptor
- Full speed USB device
- USB interface Ver. 1.0/1.1 compliant
- Transaction speed 12Mbps maximum
- IEEE 802.3 MII compliant
- Support IEEE 802.3x flow control
- Supports configurable threshold for transmitting PAUSE frame
- Supports wakeup frame, link status change and magic packet wake-up
- Supports all USB standard commands
- Plug'n'Play
- 32KB external SRAM and 2KB internal memory
- Unused any external power adaptor
- Compatible with Windows 98SE, ME

### BLUETOOTH



#### KW9006BU- Kouwell USB 1.1 to Bluetooth Adaptor (Class II)

- Standard: Bluetooth v1.1
- Frequency Band: 2.400~2.4835GHz Unlicensed ISM Band
- Power Class: Bluetooth Class II operation
- Transmission Distance: Up to 30 meters (open space)
- Interface: USB UHCI/OHCI Spec. 1.1 compliant
- Operating Power: 5V DC
- Compatible with Windows 98SE, ME, 2000, XP

Verbatim is the exclusive distributor of Kouwell products throughout Australia and New Zealand. For more information on these products, visit [www.verbatim.com.au](http://www.verbatim.com.au)

