

GSM/GPRS and 3G/HSDPA Mini PCI Adapter

Embed into laptop or computer motherboard to allow wireless communication via GSM/GPRS or 3G HSPA/HSDPA networks

The Mini PCI Adapter includes the Motorola G24 or H24 module to allow connectivity to GSM/GPRS and 3G HSPA/HSDPA networks.

G24 GSM/GPRS

Motorola G24 modem socket is connected to two high performance UARTs with baud rates up to 15Mbps and deep 128-byte to receive and transmit FIFOs.

H24 3G HSPA/HSDPA

The Mini PCI Adapter fits the Motorola H24 HSPA/HSDPA module. The device includes regulator components that can boost hosts with 3.3v supply to 3.8v.

The adapters come with full modem interface and hardware out of band flow control. They features PCI 3.0 and Power Management 1.1 compliant. 3.3V operation, integrated 3.3V and 5V to modem supply converters with optional 5V connector.

Adapter Specifications

- * Form factor: Mini PCI Type IIIA 124-pin interface
- * Dimensions: 59.6mm x 50.95mm
- * Bottom layer: height <2mm if low profile
- * Caps used top layer: height defined by the GSM modem (approx. 8mm)
- * Controller: fully compliant with the popular Oxford Semiconductor OXmPCI951

