

# fseropen

WMPRO FW >= 1.0 WMMEGA FW >= 2.0

Open the serial port at the specified baud rate with optional parameters

## Description

```
int fseropen ( int $baud [, int $blocking [, int $invert [, int $parity ]]] )
```

Attempt to open the serial port, and return the file handle for future operations

## Parameters

**\$baud**: Rate in bits per second

**\$blocking**: Optional, if set to 1 read operations will block until data is available

**\$invert**: Optional

**\$parity**: Optional, 0 (even parity) or 1 (odd parity)

## Return Values

**Integer**: File handle, or 0 if the attempt to open the serial port fails

The file handle may be used together with the other file functions that require a handle such as `fgets()`, `fwrite()`, `fclose()` and `feof()`

## Example

### Open the serial port at 115200 baud in non-blocking mode

```
<?
$fp=fseropen(115200);
if ($fp) {
    $res=fwrite($fp,"Hello from wattmon");
    if ($res) {
        print("An error occurred while trying to write to the port");
    }
    fclose($fp);
} else {
    print("Serial open failed");
}
```

```
}  
?>
```

## Also See

[Serial Port Programming](#) - Some information on connecting and using the serial ports

[fopen\(\)](#) - Open a file for reading or writing

[f485open\(\)](#) - Open the RS-485 port at the specified baud rate and parity

[fsockopen\(\)](#) - Open an internet socket connection with optional timeout

[fread\(\)](#) - Read bytes from a file, stream or socket

[fgets\(\)](#) - Return a single line from a file, stream or socket, with optional size limit

[fwrite\(\)](#) - Write data to a file, stream or socket

[feof\(\)](#) - Test if no more data is available in a file, stream or socket

[filesize\(\)](#) - Return the size of a file, or the number of unread bytes in a stream or socket

[fseek\(\)](#) - Position the file pointer in an open file

[ftell\(\)](#) - Return the current position of a file read/write pointer

[fclose\(\)](#) - Close a file, stream or socket

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