Wintec Embedded USB

W7EU Series

The Wintec W7EU series Embedded USB Flash Drive is a robust and reliable industrial grade storage and backup solution in a compact form factor. The drive is fully USB 2.0 compatible with high data transfer rates and featuring extensive error correcting capabilities of 8/15 random bits per 528Byte sector. The drive capacities from 1GB to 16GB are available using SLC NAND. Wintec’s W7EU series embedded USB flash drives are ideal for embedded applications demanding high performance and reliability.

Key Features:

GENERAL
- Embedded USB 2.0 Device
- SLC NAND type flash
- 5V operational voltage
- 3.3V operational voltage (optional)
- Various connector options
- RoHS Compliant

PERFORMANCE
- data transfers up to 30MB/s*
- Low Power consumption

RELIABILITY
- No moving parts
- ESD protection
- Capable of withstanding high impact and vibration shocks
- Error correction 8 and 15 bit/528B block
- Endurance up to 100,000 Write cycles
- 10 year typical data retention

COMPATIBILITY
- Fully compatible with USB 2.0 and backward compatible with USB 1.1 specification
- USB Mass Storage Class Specification 1.0
- 10 Pin 2x5 USB Socket with 2mm or 2.54mm pitch (SMT and Through hole options)

*This number may vary based on the flash and platform
Product Ordering Information:

<table>
<thead>
<tr>
<th>Card Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 GB</td>
</tr>
<tr>
<td>2 GB</td>
</tr>
<tr>
<td>4 GB</td>
</tr>
<tr>
<td>8 GB</td>
</tr>
<tr>
<td>16 GB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>W7EU001Gtuv(I)-ww0xx-yyy.zz</td>
</tr>
<tr>
<td>W7EU002Gtuv(I)-ww0xx-yyy.zz</td>
</tr>
<tr>
<td>W7EU004Gtuv(I)-ww0xx-yyy.zz</td>
</tr>
<tr>
<td>W7EU008Gtuv(I)-ww0xx-yyy.zz</td>
</tr>
<tr>
<td>W7EU016Gtuv(I)-ww0xx-yyy.zz</td>
</tr>
</tbody>
</table>

Configuration Options:
- (t) 1: Default (With LED)
- T: Pin 10 NC
- L: Pin 9 (3.3V)

Disk/Interface Options:
- (u) X: Removable Disk
- T: Fixed Disk

Form Factor Options:
- (v) C: Embedded 2mm pitch
- D: Embedded 2.54mm pitch
- E: Embedded 2.54mm pitch High profile
- F: Through hole Right Angle Connector
- H: Through hole 2.54mm pitch standard
- J: Through hole 2.54mm pitch high profile

Controller Options:
- (ww) SM: SM325
- S2: SM3252
- S4: SM3254

Component Flash IC & Die Revision:
- (xx) P: Samsung A: A Die
- M: Micron B: B Die
- I: Intel C: C Die

Component Flash type:
- (yyy) 001: 1-Nand Flash chip
- 01D: 1-Nand, Dual Die, 1-CE
- 1D2: 1-Nand, Dual Die, 2-CE
- 1Q2: 1-Nand, Quad Die, 2-CE
- 002: 2-Nand Flash chips
- 02D: 2-Nand, Dual Die, 1-CE
- 2D2: 2-Nand, Dual Die, 2-CE
- 2Q2: 2-Nand, Quad Die, 2-CE

Firmware Revision/Options (Optional):
- Please contact the factory for the latest firmware revisions and/or custom labeling and programming identification.

Contact Us (US & International):
Wintec Industries OEM Sales
675 Sycamore Drive
Milpitas, CA 95035
Ph: 408-856-0500 (Main)
Fax: 408-856-0518
oemsales@wintecind.com
http://www.wintecind.com/oem

About Wintec Industries, Inc.
Wintec, founded in 1988, is headquartered in Milpitas, California. Wintec, a leading third party memory module manufacturer, specializes in a variety of module design and manufacturing, such as memory module, flash module, Handspring module, modem module, game module, etc. Besides a complete line of DDR, SDR, and EDO/FPM legacy memory modules, Wintec also distribute CPU, motherboard, peripherals, PC software, and consumer Flash products (such as MMC, SD, SMC, Compact Flash, PC Card, etc.). With excellent design engineering and manufacturing capability, Wintec provides a wide range of design and manufacturing services for our valuable customers from concept design to final product delivery. Wintec is ISO9001-2000 certified.

Important Notice
Wintec Industries, Inc. makes no representations or warranties with respect to the contents of this User Guide and specifically disclaims any implied warranties of any product design for any particular purpose. Wintec Industries, Inc. reserves the rights to revise this publication and to make changes from time to time in the content hereof without obligation of Wintec Industries, Inc. to notify any person or organization of such revisions or changes.