



## EGPU-3401

M.2 to four USB 3.0 Module

### HIGHLIGHT FEATURES

- M.2 2280 B-M Key
- Compliant with PCI Express Base Specification Revision 2.0
- Compliant with USB 3.0 Specification Revision 1.0, up to 5Gbps
- Supports 4 USB 3.0 Ports (Share PCIe Gen 2 x1 Bandwidth)
- With 12V External Power
- Industrial Design, Manufactured in Innodisk Taiwan

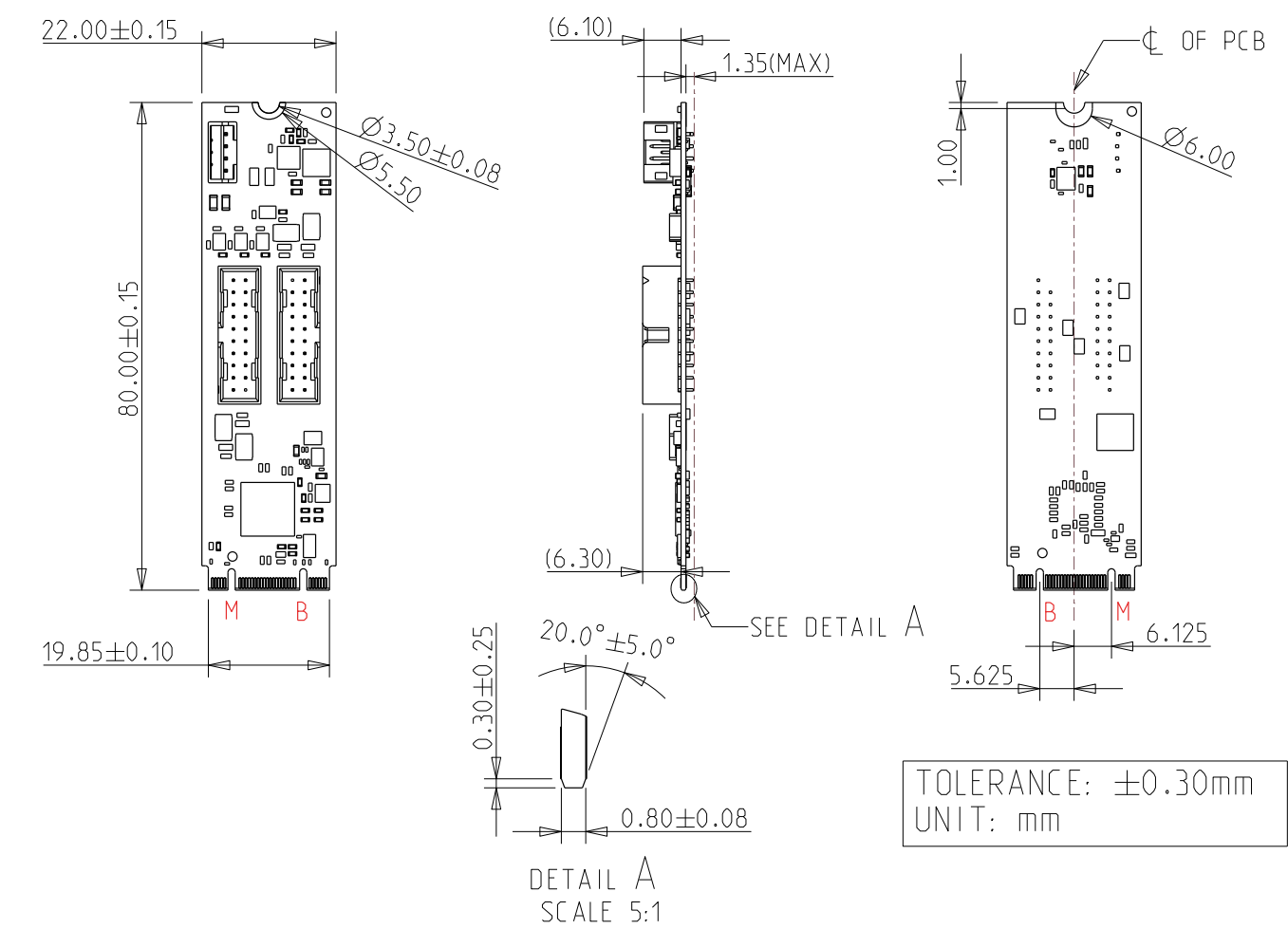
### SPECIFICATIONS

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| Model Name               | EGPU-3401                                                                         |
| Module Type              | M.2 to four USB 3.0 Module                                                        |
| Form Factor              | M.2 2280 B-M Key                                                                  |
| Function                 | USB 3.0 Module                                                                    |
| Input I/F                | PCI Express 2.0                                                                   |
| Output I/F               | USB 3.0                                                                           |
| Output Port              | 4                                                                                 |
| Output Connector         | 2 x 19 pin header                                                                 |
| Max. Power Consumption   | MAX: 1.41W (3.3V, 427.2mA)                                                        |
| Dimension (W x L x H/mm) | 22 x 80 x 8.45                                                                    |
| Temperature              | Operation : S/T 0°C ~ 70°C ; W/T -40°C ~ 85°C (Ta)<br>Storage : -55°C ~ 95°C (Ta) |
| Vibration                | 5G@[7~2000Hz]                                                                     |
| Shock                    | 50G@0.5ms                                                                         |
| OS Support               | Windows : 10, 11(32 / 64bit)<br>Linux : Kernel v2.6.0, v2.6.8                     |
| Warranty                 | 3 Years                                                                           |
| Notes                    | After Win8 and Linux Kernel v2.6.31 supports built-in xHCI 1.0.                   |

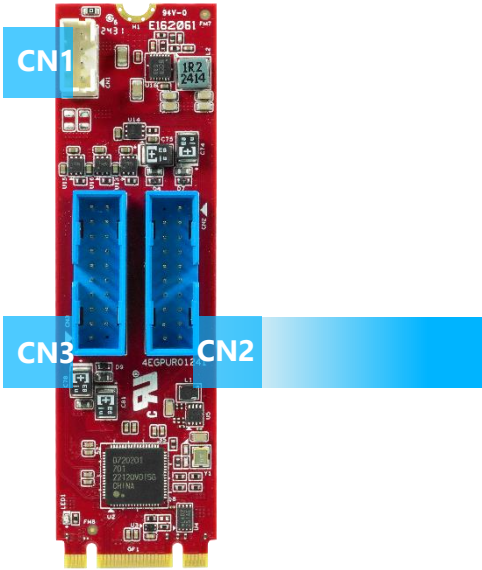
ORDER INFO.

| P/N          | Description                         |
|--------------|-------------------------------------|
| EGPU-3401-C1 | M.2 2280 to four USB 3.0 module     |
| EGPU-3401-W1 | M.2 2280 to four USB 3.0 module, WT |

MECHANICAL DRAWING



PIN DEFINE



| CN2, 3 Wire to Board SMD 2*10P (cut 1 pin) Connector |     |     |           |
|------------------------------------------------------|-----|-----|-----------|
| Signal                                               | Pin | Pin | Signal    |
| NC                                                   | 10  | 11  | U2P2_D+   |
| U2P1_D+                                              | 9   | 12  | U2P2_D-   |
| U2P1_D-                                              | 8   | 13  | GND       |
| GND                                                  | 7   | 14  | U3P2_TXDP |
| U3P1_TXDP                                            | 6   | 15  | U3P2_TXDN |
| U3P1_TXDN                                            | 5   | 16  | GND       |
| GND                                                  | 4   | 17  | U3P2_RXDP |
| U3P1_RXDP                                            | 3   | 18  | U3P2_RXDN |
| U3P1_RXDN                                            | 2   | 19  | 5V_P2     |
| 5V_P1                                                | 1   |     |           |

| CN1 Pin Header Pin Define |     |
|---------------------------|-----|
| Signal                    | Pin |
| 12V                       | 1   |
| GND                       | 2   |
| GND                       | 3   |
| 12V                       | 4   |