



## EGPS-32R1

M.2 2242 / 2280 to Dual SATA III RAID Module

### HIGHLIGHT FEATURES

- M.2 to dual SATA III ports
- Low power consumption. Supports AHCI, Port-multiplier, Hot-swap
- Supports Native Command Queuing
- Supports SSD TRIM Command
- Supports Hardware RAID 0, RAID1
- 30μ golden finger, 3-year warranty

### SPECIFICATIONS

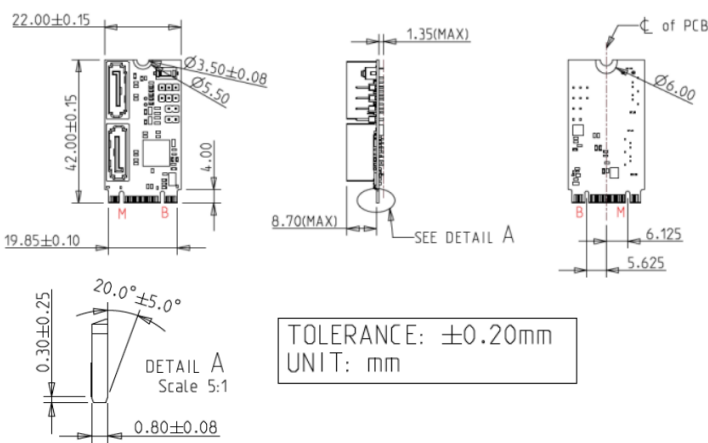
|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| Model Name               | EGPS-32R1                                                                                       |
| Module Type              | M.2 2242 / 2280 to Dual SATA III RAID Module                                                    |
| Form Factor              | M.2 2242 B+M Key / M.2 2280 B+M Key                                                             |
| Function                 | Disk Array                                                                                      |
| Input I/F                | PCI Express 2.0 x1                                                                              |
| Output I/F               | SATA III                                                                                        |
| Output Port              | 2                                                                                               |
| Output Connector         | SATA 7-pin                                                                                      |
| Max. Power Consumption   | 1.26W (3.3V, 382mA)                                                                             |
| Dimension (W x L x H/mm) | 22 x 42 x 10.85 / 22 x 80 x 10.85                                                               |
| Temperature              | Operation : S/T 0°C ~ 70°C (Ta)<br>Storage : -55°C ~ 95°C (Ta)<br>Controller : 25°C ~ 85°C (Ta) |
| Vibration                | 5G@[7~2000Hz]                                                                                   |
| Shock                    | 50G@0.5ms                                                                                       |
| OS Support               | --                                                                                              |
| Warranty                 | 3 Years                                                                                         |
| Notes                    | Press RAID Mode switch SW3 for reset.                                                           |

ORDER INFO.

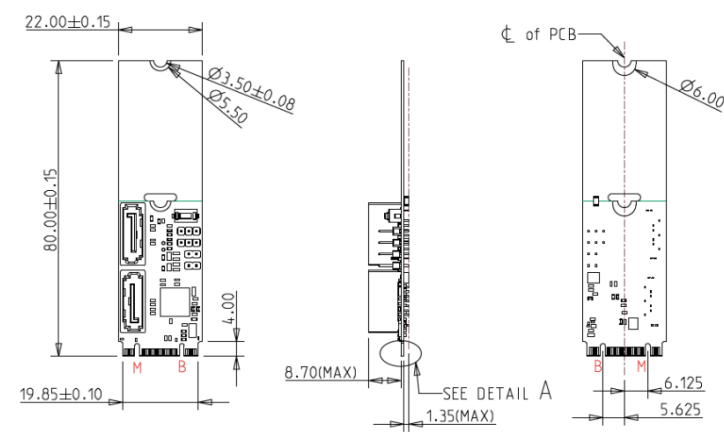
| P/N          | Description                                                  |
|--------------|--------------------------------------------------------------|
| EGPS-32R1-C1 | M.2 2242 to Dual SATA III RAID Module / Standard Temperature |
| EGPS-32R1-C2 | M.2 2280 to Dual SATA III RAID Module / Standard Temperature |

MECHANICAL DRAWING

EGPS-32R1-C1



EGPS-32R1-C2



PIN DEFINE

| External LED Pin Define                     |             |
|---------------------------------------------|-------------|
| 1 x 2P Pin Header, JP3 (SATA1), JP4 (SATA2) |             |
| Pin                                         | Function    |
| 1                                           | LED+ (3.3V) |
| 2                                           | LED-        |

