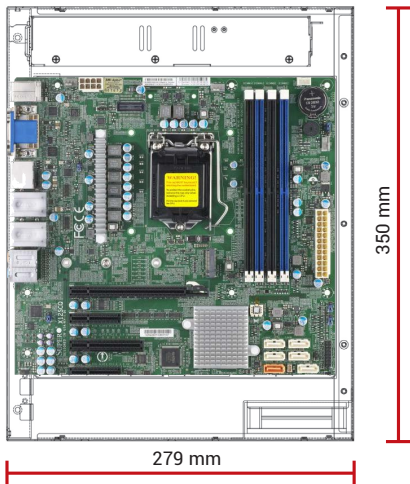


# PC Industriali

## Serie GO-B03 - Chassis Book-mount per motherboard



PC Book-mount  
Sei slot Full Height  
Soluzione I/O frontali  
Configurato su richiesta  
Burn in climatico su ogni apparato  
Test Report di collaudo



### Chassis

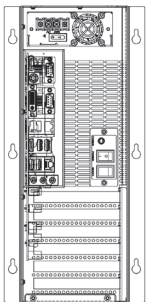
IP-365 - Rev.6

|                    |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| Dimensioni         | Chassis - 350(A) x 124.9(L) x 279(P) mm                               |
| Montaggio          | Book-mount (staffe incluse) e Desktop                                 |
| Materiale          | Acciaio pre-zincato                                                   |
| Architettura       | Motherboard 9.6" x 9.6", schede full height                           |
| Varianti           | GOB-B03: Chassis Book-mount colore nero                               |
| Drives             | Lettore Cfast opzionale                                               |
| Ventilazione       | 2 x ventole PWM 60mm                                                  |
| Led sul fronte     | LED per Power On/Off e funzionalità HDD                               |
| Pulsanti           | Power On/Off e System Reset                                           |
| Fronte             | I/O shield motherboard e bracket schede integrate                     |
| Alimentazione      | Alimentatore 1U profondità - Power input frontale<br>Versione AC o DC |
| Slot di espansione | 6 slot Full Height                                                    |
| Colore             | Nero o altri colori su richiesta                                      |
| Shock              | 5g durata 11ms - EN 60068-2-27                                        |
| Vibrazioni         | 10-150Hz: 1G - EN 60068-2-6                                           |
| Umidità            | 10 - 95% non condensata                                               |
| Temperatura        | Operativa 0°C... +50°C Storage -20°C... +70°C                         |

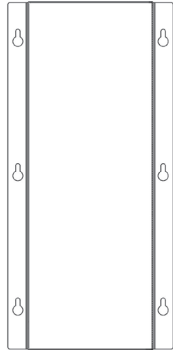
### Complementi

|                   |                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage           | <ul style="list-style-type: none"><li>• Disk on Module</li><li>• Modulo CFAST estraibile</li><li>• M.2 Interface: 1 PCI-E 3.0 x4 NVMe</li><li>• M.2 Form Factor: 2242/2280</li><li>• M.2 Key: M-Key</li></ul>                                                                                          |
| Media             | <ul style="list-style-type: none"><li>• Tastiera beige/nera italiana/inglese</li><li>• Mouse ottico</li></ul>                                                                                                                                                                                          |
| Schede I/O        | <ul style="list-style-type: none"><li>• Ethernet Server Adapter</li><li>• GPGPU / Schede Video</li><li>• Schede Multi-Head</li><li>• Schede I/O Analogiche e Digitali</li><li>• Schede FPGA</li><li>• Schede MULTISERIALI</li><li>• Frame Grabber</li><li>• MIL-1553 / ARINC 429 / ARINC 418</li></ul> |
| Sistemi Operativi | <ul style="list-style-type: none"><li>• Windows® versioni Enterprise / Embedded</li><li>• Windows® versioni Server</li><li>• Linux</li></ul>                                                                                                                                                           |

Fronte



Retro



## Motherboard

|                 | <br><b>MBD-X13SAQ</b>                                                                                                                                                                                | <br><b>MBD-X12SCQ</b>                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU Preferred   | <ul style="list-style-type: none"> <li>• i7-13700E: 16C, 1.90GHz, 65W</li> <li>• i5-13500E: 14C, 4.40GHz, 65W</li> <li>• i3-13100E: 4C, 3.30GHz, 60W</li> <li>• i7-12700E: 12C, 1.60GHz, 65W</li> <li>• i5-12500E: 6C, 2.90GHz, 65W</li> <li>• i3-12100E: 4C, 3.20GHz, 60W</li> </ul> | <ul style="list-style-type: none"> <li>• i7-11700: 8C, 2.5GHz, 65W</li> <li>• i5-11500: 6C, 2.7GHz, 65W</li> <li>• i7-10700E: 8C, 2.9GHz, 65W</li> <li>• i5-10500E: 6C, 3.1GHz, 65W</li> <li>• i3-10100E: 4C, 3.2GHz, 65W</li> </ul> |
| Chipset         | Intel Q670E                                                                                                                                                                                                                                                                           | Intel Q470E                                                                                                                                                                                                                          |
| RAM             | DDR5 - 4400,<br>4 x DIMM, max. 128GB                                                                                                                                                                                                                                                  | DDR4 - 2933,<br>4 x DIMM, max. 128GB                                                                                                                                                                                                 |
| Graphics        | VGA, DP, DVI-D, HDMI                                                                                                                                                                                                                                                                  | VGA, DP, DVI-D, HDMI                                                                                                                                                                                                                 |
| Ethernet        | 2 GbE                                                                                                                                                                                                                                                                                 | 2 GbE                                                                                                                                                                                                                                |
| SATA ports      | 6x SATA 600                                                                                                                                                                                                                                                                           | 6x SATA 600                                                                                                                                                                                                                          |
| M.2 ports       | 1x M.2 M Key 2280/22110 PCI-E                                                                                                                                                                                                                                                         | 1x M.2 M Key 2242/2280 PCI-E                                                                                                                                                                                                         |
| USB             | 4x USB 2 (2 via header; 2 rear Type A)<br>6x USB 3.2 (4 via header; 2 rear Type A)<br>2x USB 3.2 rear type C                                                                                                                                                                          | 6 x USB 2.0<br>6 x USB 3.1                                                                                                                                                                                                           |
| COM             | 6x COM<br>via header                                                                                                                                                                                                                                                                  | 4x COM<br>via header                                                                                                                                                                                                                 |
| Expansion slots | 1* PCI-E 5.0 x16, 1* PCI-E 4.0 x4 (in x8 slot),<br>1* PCI-E 3.0 x4, 1* PCI-E 3.0 x2 (in x4 slot),<br>1 PCI-E 4.0 x4 SlimSAS                                                                                                                                                           | 1*PCI-E 3.0 x16,<br>1*PCI-E 3.0 x8, 2*PCI-E 3.0 x4                                                                                                                                                                                   |
| I/O shield      | 1x VGA, 1x HDMI, 1x DP, DVI, 2x 2.5GbE, 2x USB 2.0, 4x USB 3.2, Audio<br>                                                                                                                          | 1x VGA, 1x HDMI, 1x DP, 1x DVI-D, 2x GbE, 6x USB, Audio<br>                                                                                     |

## Alimentatori (profondità max 225 mm)

AC



EN 62368

Z-P1H-5400V

1U Single 400W

| Output                       |     |      |     |      |       |
|------------------------------|-----|------|-----|------|-------|
| +3.3V                        | +5V | +12V | -5V | -12V | +5VSB |
| 22A                          | 22A | 32A  | -   | 0.8A | 3.5A  |
| Input 90 ~ 264VAC Full Range |     |      |     |      |       |
| MTBF 142.487 h               |     |      |     |      |       |
| Dimensioni 100x40.5x225 mm   |     |      |     |      |       |

AC



EN 62368

Z-P1H-5700G

1U Single 700W

| Output                        |     |      |     |      |       |
|-------------------------------|-----|------|-----|------|-------|
| +3.3V                         | +5V | +12V | -5V | -12V | +5VSB |
| 18A                           | 18A | 58A  | -   | 0.5A | 3A    |
| Input 100 ~ 264VAC Full Range |     |      |     |      |       |
| MTBF 204.972 h                |     |      |     |      |       |
| Dimensioni 100x40.5x225 mm    |     |      |     |      |       |

AC



EN 62368

Z-P1H-5400V

1U Single 400W

| Output                       |     |      |     |      |       |
|------------------------------|-----|------|-----|------|-------|
| +3.3V                        | +5V | +12V | -5V | -12V | +5VSB |
| 22A                          | 22A | 32A  | -   | 0.8A | 3.5A  |
| Input 90 ~ 264VAC Full Range |     |      |     |      |       |
| MTBF 142.487 h               |     |      |     |      |       |
| Dimensioni 100x40.5x225 mm   |     |      |     |      |       |

AC



EN 62368

Z-P1H-5700G

1U Single 700W

| Output                        |     |      |     |      |       |
|-------------------------------|-----|------|-----|------|-------|
| +3.3V                         | +5V | +12V | -5V | -12V | +5VSB |
| 18A                           | 18A | 58A  | -   | 0.5A | 3A    |
| Input 100 ~ 264VAC Full Range |     |      |     |      |       |
| MTBF 204.972 h                |     |      |     |      |       |
| Dimensioni 100x40.5x225 mm    |     |      |     |      |       |

DC



EN 62368

Z-BN1H-5750V

1U Single 750W 24VDC

| Output                     |     |      |     |      |       |
|----------------------------|-----|------|-----|------|-------|
| +3.3V                      | +5V | +12V | -5V | -12V | +5VSB |
| 25A                        | 25A | 60A  | -   | 0.8A | 3.5A  |
| Input 18~36VDC             |     |      |     |      |       |
| MTBF 146.923 h             |     |      |     |      |       |
| Dimensioni 100x40.5x225 mm |     |      |     |      |       |

