

# PC Industriali

## Serie GO-608MB-C - Tower / Box per Motherboard

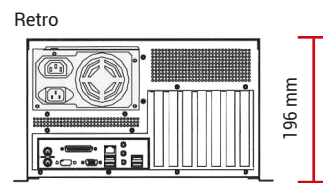
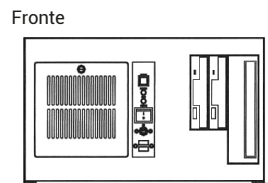
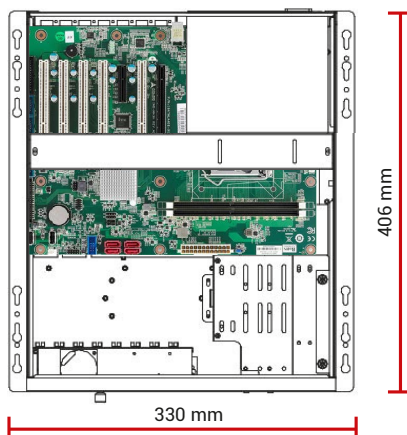


### PC Box

Configurato su richiesta

Burn in climatico su ogni apparato

Test Report di collaudo



### Chassis

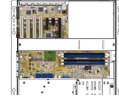
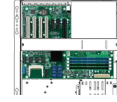
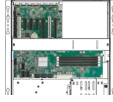
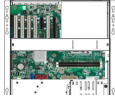
IP-278- Rev.18

|                |   |
|----------------|---|
| Dimensioni     | PC Node - 350 x 196 x 406 mm  |
| Montaggio      | Montaggio a muro o a pannello   |
| Materiale      | Acciaio pre-zincato   |
| Architettura   | Motherboard ATX max 12" x 9.6"  |
| Varianti       | <ul style="list-style-type: none"> <li>GO-608MB-B: PC Node colore nero. Angolari per montaggio a muro o a pannello</li> <li>GO-608MB-C: PC Node colore beige. Angolari per montaggio a muro o a pannello</li> </ul> |
| Drives         | Esterni: 1 x 5.25", 2 x 3.5"; Interni: 3 x 3.5"   |
| Ventilazione   | 1 x ventola 120mm (= 85CFM cad.)  |
| Filtri         | 1 filtro per l'aria rimovibile dal fronte lavabile  |
| Led sul fronte | LED per Power On/Off e funzionalità HDD   |
| Pulsanti       | Power On/Off, System Reset, Switch power ATX  |
| Fronte         | 2 x USB, connettore PS/2  |
| Retro          | Alloggiamento per 7 bracket full size   |
| Colore         | Nero o beige  |
| Shock          | 15G 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>Dischi interni HDD / SSD / M.2</li> <li>Cassetti estraibili singoli o multipli per HDD / SSD / U.2</li> <li>Soluzioni SATA / SAS / NVMe</li> </ul>   |
| Media             | <ul style="list-style-type: none"> <li>Masterizzatore DVD</li> <li>Lettore interno CFLASH, Memory Stick, SD Card, SDHC etc.</li> <li>Tastiera beige/nera italiana/inglese</li> <li>Mouse ottico</li> </ul>  |
| Controller RAID   | SATA / SAS / NVMe   |
| 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> |
| Guide             | Guide telescopiche per montaggio a rack   |
| Sistemi Operativi | <ul style="list-style-type: none"> <li>Windows® versioni Enterprise / Embedded</li> <li>Windows® versioni Server</li> <li>Linux</li> </ul>  |

## Motherboard



|                        | IMB-M43H  | IMB-M43   | IMBA-Q170-i2  | RUBY-D718VG2AR  | IMBA-Q870-i2   |
|------------------------|---|---|---|---|--|
| <b>CPU Preferred</b>   | <ul style="list-style-type: none"> <li>• i7-7700: 4C 3.6GHz, 65W</li> <li>• i5-7500: 4C 3.4GHz, 65W</li> <li>• i3-7101E: 2C 3.9GHz, 54W</li> <li>• i7-6700: 4C 3.4GHz, 65W</li> <li>• i5-6500: 4C 3.2GHz, 65W</li> <li>• i3-6100: 2C 3.7GHz, 51W</li> </ul> | <ul style="list-style-type: none"> <li>• i7-7700: 4C 3.6GHz, 65W</li> <li>• i5-7500: 4C 3.4GHz, 65W</li> <li>• i3-7101E: 2C 3.9GHz, 54W</li> <li>• i7-6700: 4C 3.4GHz, 65W</li> <li>• i5-6500: 4C 3.2GHz, 65W</li> <li>• i3-6100: 2C 3.7GHz, 51W</li> </ul> | <ul style="list-style-type: none"> <li>• i7-7700: 4C 3.6GHz, 65W</li> <li>• i5-7500: 4C 3.4GHz, 65W</li> <li>• i3-7101E: 2C 3.9GHz, 54W</li> <li>• i7-6700: 4C 3.4GHz, 65W</li> <li>• i5-6500: 4C 3.2GHz, 65W</li> <li>• i3-6100: 2C 3.7GHz, 51W</li> </ul> | <ul style="list-style-type: none"> <li>• i7-7700: 4C 3.6GHz, 65W</li> <li>• i5-7500: 4C 3.4GHz, 65W</li> <li>• i3-7101E: 2C 3.9GHz, 54W</li> <li>• i7-6700: 4C 3.4GHz, 65W</li> <li>• i5-6500: 4C 3.2GHz, 65W</li> <li>• i3-6100: 2C 3.7GHz, 51W</li> </ul> | <ul style="list-style-type: none"> <li>• i7-4770S: 4C, 3.1GHz, 65W</li> <li>• i5-4570S: 4C, 2.9GHz, 65W</li> </ul> |
| <b>Chipset</b>         | Intel H110 Express  | Intel Q170 Express  | Intel Q170 Express  | Intel Q170 Express  | Intel Q87  |
| <b>RAM</b>             | DDR4 - 2133/2400, max 32GB  | DDR4 - 2133/2400, max 64GB  | DDR4 - 2133/2400, max 64GB  | DDR4 - 2133/2400, max 64GB  | DDR3 - 1600/1333, 4 x DIMM max 32GB  |
| <b>Graphics</b>        | VGA, HDMI   | VGA, 2 x DP   | VGA, DVI-D, HDMI 2.0, iDP   | VGA, DVI-D, HDMI  | VGA, DVI-D, HDMI, iDP  |
| <b>Ethernet</b>        | 2x GbE  | 2x GbE  | 2x GbE  | 2x GbE  | 2x GbE   |
| <b>SATA ports</b>      | 4 x SATA 600  | 6 x SATA 600 (support RAID 0,1,5,10)  | 6 x SATA 600 (support RAID 0,1,5,10)  | 6 x SATA 600 (support RAID 0,1,5,10)  | 6 x SATA 600 (support RAID 0,1,5,10)   |
| <b>M.2 slots</b>       | --  | --  | --  | --  | --   |
| <b>USB</b>             | 4 x USB 3.0, 2 x USB 2.0<br>2 x USB 2.0 pin header<br>2 x USB 2.0 vertical type A   | 6 x USB 3.0<br>2 x USB 3.0 pin header<br>4 x USB 2.0<br>4 x USB 2.0 pin header  | 4 x USB 3.0<br>2 x USB 2.0  | 4 x USB 3.0<br>2 x USB 3.0 pin header<br>8 x USB 2.0 pin header   | 4 x USB 3.0<br>8 x USB 2.0   |
| <b>COM</b>             | 2 x RS-232/455/485<br>4 x RS-232  | 2 x RS-232/455/485<br>4 x RS-232  | 2 x RS-232/422/485<br>4 x RS-232  | 2 x RS-232/422/485<br>4 x RS-232  | 5 x RS-232<br>1 x RS-422/485   |
| <b>Other</b>           | Audio, PS2, LPT, DIO  | PS2, LPT, DIO   | Audio, PS2, LPT   | Audio   | Audio, PS2, LPT, Triple Display  |
| <b>Expansion slots</b> | 1*PCI-E x16 Gen3<br>1*PCI-E x4 Gen2<br>5* PCI 2.2   | PEG: 2* PCIe x16 (Gen3)<br>1*PCI-E x4 (Gen3);<br>2*PCI-E x4 (Gen3)<br>2* PCI  | 2* PCI-E x8 (Gen3)<br>3* PCI-E x4 (Gen3)<br>2 * PCI<br>1* Full-size PCIe Mini card  | 1* PCI-E x16 (Gen3)<br>2* PCI-E x4<br>4* PCI  | 1*PCI-E x16 (Gen3), 1*PCI-E x1,<br>1*PCI-E x4, 4*PCI   |
| <b>I/O shield</b>      | 2x RS232/422/485<br>1x VGA, 2x HDMI<br>6x USB 3.0, 2x GbE<br>Audio, PS2   | 2 x RS232/422/485,<br>1 x VGA, 2 x DP, 6 x USB 3.0,<br>2 x GbE, PS2   | 1 x RS-232, 1 x DVI-D,<br>1 x VGA, 1 x HDMI,<br>2 x USB 2.0, 4 x USB 3.0,<br>2 x GbE, Audio, PS2  | 2 x RS-232, 1 x DVI-D,<br>1 x VGA, 1 x HDMI,<br>4 x USB 3.0, 2 x GbE, Audio   | 2 x GbE, 4 x USB 2.0,<br>2 x USB 3.0, 1 x PS2,<br>1 x COM, 1 x HDMI,<br>1 x VGA, 1 x DVI-D, Audio                  |

## Alimentatori

AC



EN 62368

**FSP600-80PSA**  
PS2 Single 600W

| Output                     |     |      |      |      |       |
|----------------------------|-----|------|------|------|-------|
| +3.3V                      | +5V | +12V | -5V  | -12V | +5VSB |
| 25A                        | 25A | 16A  | 0.1A | 0.5A | 4A    |
| Input 90~264VAC Full Range |     |      |      |      |       |
| MTBF 100.000 h             |     |      |      |      |       |
| Dimensioni 150x86x140 mm   |     |      |      |      |       |

DC



EN 62368

**BES-540C**  
PS2 Single 400W 24VDC

| Output                   |     |      |     |      |       |
|--------------------------|-----|------|-----|------|-------|
| +3.3V                    | +5V | +12V | -5V | -12V | +5VSB |
| 25A                      | 25A | 30A  | -   | 0.8A | 3.5A  |
| Input 20VDC...36VDC      |     |      |     |      |       |
| MTBF 121.000 h           |     |      |     |      |       |
| Dimensioni 150x86x140 mm |     |      |     |      |       |

DC



EN 62368

**BES-540T**  
PS2 Single 400W -48VDC

| Output                   |     |      |     |      |       |
|--------------------------|-----|------|-----|------|-------|
| +3.3V                    | +5V | +12V | -5V | -12V | +5VSB |
| 25A                      | 25A | 32A  | -   | 0.8A | 3.5A  |
| Input -36VDC...-72VDC    |     |      |     |      |       |
| MTBF 143.878 h           |     |      |     |      |       |
| Dimensioni 150x86x140 mm |     |      |     |      |       |