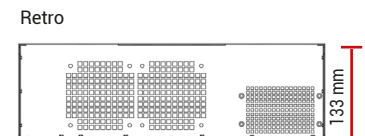
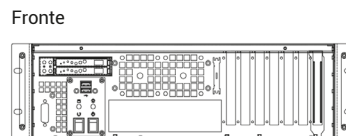
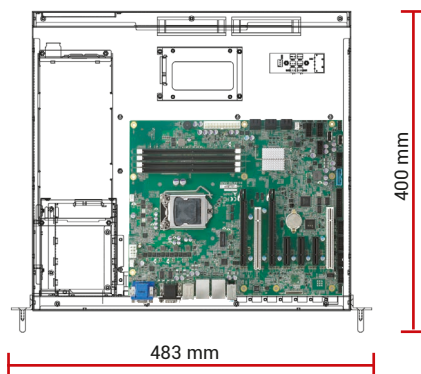


# PC Industriali

## Serie GOI-3F1-R3 - Chassis per Motherboard



PC Industriale 3U  
 Versione Front I/O  
 Configurato su richiesta  
 Burn in climatico su ogni apparato  
 Test Report di collaudo



### Chassis

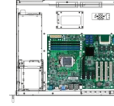
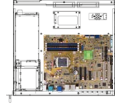
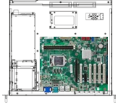
IP-313- Rev.12

Dimensioni	Chassis 3U - 483 x 133 x 400 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 9.6"
Varianti	GOI-3F1-R3: Chassis colore nero
Drives	2 x 2.5" HDD/SSD estraibili + 1 x 2.5" interno
Ventilazione	- 2 x ventole 9 cm (= 51.5 CFM cad.) PN FA3B092530DS011, 34 dB per singola ventola - 2 x ventole 6 cm, 34 dB per singola ventola
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off Momentary e System Reset
Fronte	2 x USB + 3W3 power input per PSU 24/48VDC Alloggiamento per 7 bracket full size
Colore	Nero, beige o altri colori su richiesta
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... +40°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>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>
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 2 x USB 2.0 pin header 2 x USB 2.0 vertical type A	6 x USB 3.0 2 x USB 3.0 pin header 4 x USB 2.0 4 x USB 2.0 pin header	4 x USB 3.0 2 x USB 2.0	4 x USB 3.0 2 x USB 3.0 pin header 8 x USB 2.0 pin header	4 x USB 3.0 8 x USB 2.0
<b>COM</b>	2 x RS-232/455/485 4 x RS-232	2 x RS-232/455/485 4 x RS-232	2 x RS-232/422/485 4 x RS-232	2 x RS-232/422/485 4 x RS-232	5 x RS-232 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 1*PCI-E x4 Gen2 5* PCI 2.2	PEG: 2* PCIe x16 (Gen3) 1*PCI-E x4 (Gen3); 2*PCI-E x4 (Gen3) 2* PCI	2* PCI-E x8 (Gen3) 3* PCI-E x4 (Gen3) 2 * PCI 1* Full-size PCIe Mini card	1* PCI-E x16 (Gen3) 2* PCI-E x4 4* PCI	1*PCI-E x16 (Gen3), 1*PCI-E x1, 1*PCI-E x4, 4*PCI
<b>I/O shield</b>	2x RS232/422/485 1x VGA, 2x HDMI 6x USB 3.0, 2x GbE Audio, PS2	2 x RS232/422/485, 1 x VGA, 2 x DP, 6 x USB 3.0, 2 x GbE, PS2	1 x RS-232, 1 x DVI-D, 1 x VGA, 1 x HDMI, 2 x USB 2.0, 4 x USB 3.0, 2 x GbE, Audio, PS2	2 x RS-232, 1 x DVI-D, 1 x VGA, 1 x HDMI, 4 x USB 3.0, 2 x GbE, Audio	2 x GbE, 4 x USB 2.0, 2 x USB 3.0, 1 x PS2, 1 x COM, 1 x HDMI, 1 x VGA, 1 x DVI-D, Audio

## Alimentatori (profondità max 215 mm)

DC



EN 62368

Z-BP2H-5460V:  
2U Single 460W 24VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	37A	-	0.8A	3A
Input 18V ~ 36VDC					
MTBF 133.707 h					
Dimensioni 100x70x215 mm					