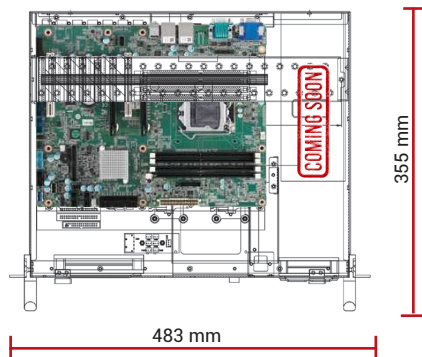


Workstation Industriali

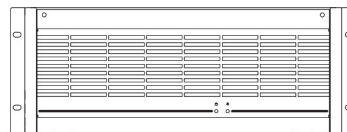
Serie GOI-405 - Chassis per Motherboard



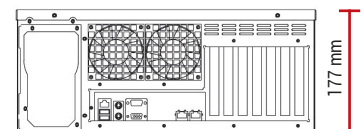
Workstation Industriale 4U
 Fino a 7 slot di espansione
 Alimentatore ridondato AC o DC
 Configurato su richiesta
 Burn in climatico su ogni apparato
 Test Report di collaudo



Fronte



Retro



Chassis

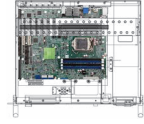
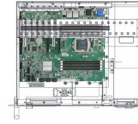
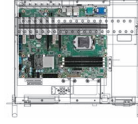
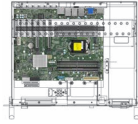
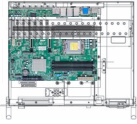
IP-363 - Rev.6

Dimensioni	Chassis 4U - 483 x 177 x 355 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 10.5"
Varianti	GOI-405: Chassis colore nero
Drives	1 x slim CD ROM + 1 x 3.5"
Ventilazione	1 x ventola 120 mm (90CFM cad.) + 2 ventole 80 mm (42.5CFM cad.)
Led sul fronte	LED per Power ON/OFF e funzionalità HDD
Pulsanti	Power ON/OFF, System Reset
Fronte	Pannello frontale colore silver - filtro incluso 2 x USB
Retro	Alloggiamento per 7 schede Full Height
Alimentazione	Alimentatore PS2 Singolo Alimentatore Miniredundant
Colore	Nero e silver
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"> Dischi interni HDD / SSD / M.2 Cassetti estraibili singoli o multipli per HDD / SSD / U.2 Soluzioni SATA / SAS / NVMe
Media	<ul style="list-style-type: none"> Masterizzatore DVD Lettore interno CFLASH, Memory Stick, SD Card, SDHC etc. Tastiera beige/nera italiana/inglese Mouse ottico
Controller RAID	SATA / SAS / NVMe
Schede I/O	<ul style="list-style-type: none"> Ethernet Server Adapter GPGPU / Schede Video Schede Multi-Head Schede I/O Analogiche e Digitali Schede FPGA Schede MULTISERIALI Frame Grabber MIL-1553 / ARINC 429 / ARINC 418
Guide	Guide telescopiche per montaggio a rack
Sistemi Operativi	<ul style="list-style-type: none"> Windows® versioni Enterprise / Embedded Windows® versioni Server Linux

Motherboard



	MBD-X13SAE-F	MBD-X12SCA-F	IMB-M45	IMB-M43-C236	IMBA-C2360-i2
CPU Preferred	<ul style="list-style-type: none"> i9-14900: 24C, 2.00GHz, 65-219W i7-14700: 20C, 2.10GHz, 65-219W i5-14500: 10C, 2.50GHz, 65-148W i3-14100: 4C, 3.50GHz, 60-110W i7-13700E: 16C, 1.90GHz, 65W i5-13500E: 14C, 4.40GHz, 65W i3-13100E: 4C, 3.30GHz, 60W i7-12700E: 12C, 1.60GHz, 65W i5-12500E: 6C, 2.90GHz, 65W i3-12100E: 4C, 3.20GHz, 60W 	<ul style="list-style-type: none"> i9-10900E-2G8: 10C, 3.3GHz, 65W i9-10900-2G8: 10C, 3.3GHz, 65W i7-10700E-2G9: 8C, 2.9GHz, 65W i5-10400-2G9: 8C, 2.9GHz, 65W 	<ul style="list-style-type: none"> E-2278GE: 8C, 3.3GHz, 80W E-2226GE: 6C, 3.4GHz, 80W i7-9700E: 8C, 2.6GHz, 65W i5-9500E: 6C, 3.0GHz, 65W i3-9100E: 4C, 3.1GHz, 65W 	<ul style="list-style-type: none"> E3-1275V5: 4C, 3.6GHz, 80W E3-1225V5: 4C, 3.3GHz, 80W E3-1275V6: 4C, 3.80GHz, 73W E3-1225V6: 4C, 3.30GHz, 73W i7-7700: 4C 3.6GHz, 65W i5-7500: 4C 3.4GHz, 65W i3-7101E: 2C 3.9GHz, 54W i7-6700: 4C 3.4GHz, 65W i5-6500: 4C 3.2GHz, 65W i3-6100: 2C 3.7GHz, 51W 	<ul style="list-style-type: none"> E3-1275V5: 4C, 3.6GHz, 80W E3-1225V5: 4C, 3.3GHz, 80W E3-1275V6: 4C, 3.80GHz, 73W E3-1225V6: 4C, 3.30GHz, 73W i7-7700: 4C 3.6GHz, 65W i5-7500: 4C 3.4GHz, 65W i3-7101E: 2C 3.9GHz, 54W i7-6700: 4C 3.4GHz, 65W i5-6500: 4C 3.2GHz, 65W i3-6100: 2C 3.7GHz, 51W
Chipset	Intel W680	Intel W480	Intel C246	Intel C236	Intel C236
RAM	DDR5-4400MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2933MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2666MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2133 / 2400MHz 4x DIMM max 64GB Unbuffered ECC/non-ECC UDIMM	DDR4 - 2133MHz 4x DIMM, max 64GB Unbuffered ECC/non-ECC UDIMM
Graphics	VGA, DVI-D, DP, HDMI	VGA, HDMI, DVI-D, DP	VGA, HDMI, DP	VGA, 2 DP	VGA, DVI-D, HDMI, iDP
Ethernet	2 GbE	2 GbE	2 GbE	2 GbE	2 GbE
SATA Ports	8x SATA3 600, (support RAID 0,1,5,10)	4x SATA3 600, (support RAID 0,1,5,10)		6x SATA3 600, (support RAID 0,1,5,10)	
M.2 Slots	3x M.2 M-Key 2280, PCI-E 4.0 x4	2x M.2 M-Key 2280/110, PCI-E 3.0 x4	--	--	--
NVME Ports	--	--	--	--	--
USB	4x USB 2.0 (2 via header; 2 rear) 3x USB 3.2 Gen1 4x USB 3.2 Gen2 2x USB 3.2 Gen2x2	2x USB 2.0 3x USB 3.2 Gen1 5x USB 3.2 Gen2	6x USB 3.1 Gen2 6x USB 2.0	6x USB 2.0 8x USB 3.0	6x USB 2.0 5x USB 3.0
COM	1x COM Header	1x COM Header	2x RS-232/422/485 4x RS-232	4x RS-232 2x RS-232/422/485	4x RS-232 2x RS-422/485
Other	Audio	Audio	Audio, PS2 combo, LPT, DIO	Audio, PS2, LPT, DIO	Audio
Expansion slots	<ul style="list-style-type: none"> 2x PCI-E 5.0 x16 2x PCI-E 3.0 x4 1x PCI 	<ul style="list-style-type: none"> 1x PCI-E 3.0 x4, 2x PCI-E 3.0 x16 (16/NA or 8/8) 1x PCI 32bit 	<ul style="list-style-type: none"> 2x PCI-E 3.0 x16 (16/NA or 8/8) 3x PCI-E x4 Gen.3 2x PCI 	<ul style="list-style-type: none"> 2x PCI-E 3.0 x16 1x PCI-E 3.0 x4 16/NA/NA or 8/8/NA or 4/4/8 2x PCI-E x4 Gen.3 2x PCI 	<ul style="list-style-type: none"> 2x PCI-E 3.0 x8 2 x PCI 3x PCI-E 3.0 x4
I/O shield	1x DP, 1x HDMI, 1x VGA, 1x DVI-D, IPMI LAN, 2x USB 2.0, 4x USB 3.2, 2x GbE, Audio	1x DP, 1x HDMI, 1x VGA, 1x DVI-D, IPMI LAN, 6x USB 3.2, 2x GbE, 6x USB 3, Audio	1x DP 1.2, 1x HDMI 1.4, 1x VGA, 4x USB 3.1 Gen2 2x RS-232/422/485 2x GbE , Audio	2x DP, 1x VGA, PS2, 6x USB, 2x LAN, 2x COM, Audio	1x HDMI, 1x VGA, 1x DVI-D, PS2, 6x USB, 2x LAN, Audio

Alimentatori



EN 62368

Q0: PS2 Single 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	45A	-	0.8A	3.5A
Input 90~264VAC Full Range					
MTBF 100.000 h					
Dimensioni 150x86x140 mm					



EN 62368

A5: PS2 Redundant 420W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	35A	28A	0.5A	1.2A	2A
Input 90~264VAC Full Range					
MTBF 125.353 h					
Dimensioni 150x86x185 mm					



EN 62368

W0: 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					



EN 62368

T0: PS2 Single 400W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	32A	-	0.8A	3.5A
Input -36VDC...-72VDC					
MTBF 119.000 h					
Dimensioni 150x86x140 mm					



DC

P0: PS2 Redundant 500W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	41A	-	0.8A	3.5A
Input -36VDC...-72VDC					
MTBF 125.083 h					
Dimensioni 150x86x185 mm					



DC

PS2 Redundant 600W ±120VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	35A	40A	0.5A	1A	3.5A
Input ±85V ~ ±144V DC					
MTBF 100.000 h					
Dimensioni 150x86x225 mm					