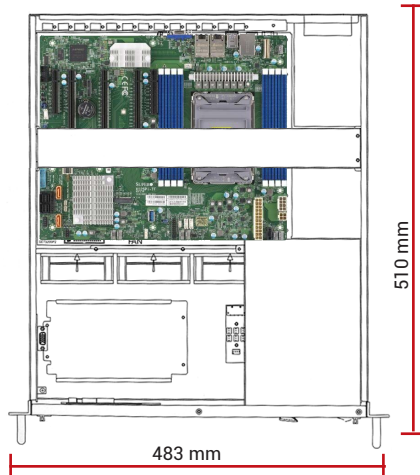


# Server Industriali

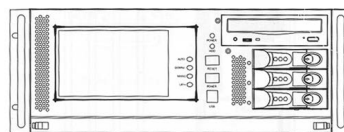
## Serie GO-M41ATX - Chassis per Motherboard



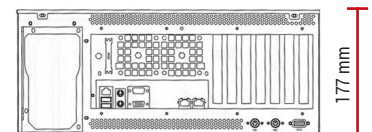
Server Industriale 4U  
 Display 7" TFT integrato  
 Tastiera Cherry con trackball  
 Configurato su richiesta  
 Burn in climatico su ogni apparato  
 Test Report di collaudo



Fronte



Retro



### Chassis

IP-269- Rev.10

Dimensioni	Chassis 4U - 483 x 177 x 510 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 10.5"
Varianti	GO-M41ATX-PF: Chassis, con ventole PWM, colore nero.
Drives	1x 5.25" & 3x 3.5" Swappable Trays & 3x 3.5"HDD
Ventilazione	3x ventole 92mm (= 51 CFM cad.)
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off, System Reset e Display menu
Fronte	2 x USB
Retro	Alloggiamento per 7 bracket full size
Colore	Nero 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... +50°C Storage -20°C... +70°C

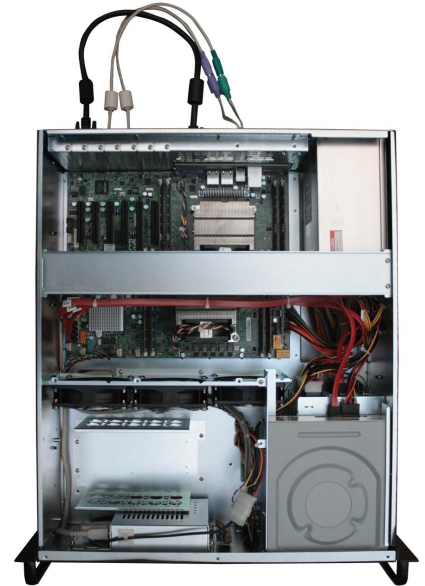
### Complementi

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</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 PS2/USB italiana/inglese</li> <li>• Mouse ottico PS2/USB</li> </ul>
Controller RAID	SATA / SAS
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>

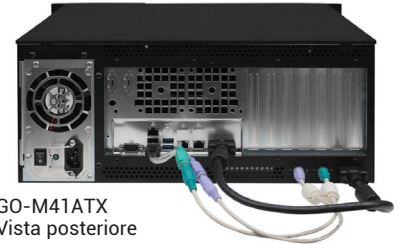
## Motherboard



	MDB-X13SEI-TF	MDB-X12DPL-NT6 MDB-X12DPL-i6	MDB-X12SPI-TF	MDB-X11DPL-i	MDB-X11SPL-F
<b>CPU Preferred</b>	<ul style="list-style-type: none"> <li>• XEON GOLD 6430: 32C, 2.10GHz, 270W</li> <li>• XEON GOLD 5420+: 28C, 2GHz, 205W</li> <li>• XEON GOLD 5433+: 20C, 2.30GHz, 160W</li> </ul>	<ul style="list-style-type: none"> <li>• XEON GOLD 6326 (16C/2,9GHz/185W)</li> <li>• XEON GOLD 6330 (28C/2,0GHz/205W)</li> <li>• XEON GOLD 6348 (28C/ 2.60 GHz / 235W)</li> </ul>		<ul style="list-style-type: none"> <li>• XEON GOLD 6126: 12C, 2.60GHz, 125W</li> <li>• XEON GOLD 5220T: 18C, 1.90GHz, 105W</li> <li>• XEON GOLD 5120T: 14C, 2.2GHz, 105W</li> <li>• XEON SILVER 4216: 16C, 2.10GHz, 100W</li> <li>• XEON SILVER 4108: 8C, 1.80GHz, 85W</li> <li>• XEON SILVER 4208: 8C, 1.80GHz, 85W</li> </ul>	
<b>Chipset</b>	Intel C741	Intel C621A		Intel C621	
<b>RAM</b>	DDR5 - 5600MHz, 8 x DIMM, max. 256GB ECC REG.	DDR4 - 3200MHz, 8 x DIMM, max. 2TB ECC REG.		DDR4 - 2666/2400/2133MHz, 8 x DIMM, max. 1TB ECC REG.	DDR4 - 2666/2400/2133/1866/1600MHz, 8 x DIMM, max. 1TB ECC REG.
<b>Graphics</b>	ASPEED AST2600 BMC			ASPEED AST2500 BMC VGA	
<b>Ethernet</b>	2 GbE 1 x IPMI LAN port	2 x 10 GbE (i6= 2 x GbE) 1 IPMI LAN port	2 x 10 GbE 1 IPMI LAN port	2 GbE + 1 IPMI LAN port	
<b>SATA ports</b>	10 x SATA3 (support RAID 0,1,5,10)	14 x SATA3 (2 x DOM) (support RAID 0,1,5,10)	10 x SATA3 (support RAID 0,1,5,10)	10 x SATA3 (2 x DOM) (support RAID 0,1,5,10)	8 x SATA3 (support RAID 0,1,5,10)
<b>M.2 slots</b>	2 x M.2 NVMe; M-Key, 2280/22110		1 x M.2 SATA / NVMe; M-Key, 2280/22110	1 x M.2 PCIe 3.0 x4	--
<b>NVMe Ports</b>	2 x M.2 PCIe 5.0 x8	1 x PCIe 4.0 NVMe x8	1 x PCIe 3.0 NVMe x4	--	--
<b>USB</b>	2 x USB 2.0 4 x USB 3.2 Gen1 (2 rear; 1 via header; 1 type A)	5 x USB 3.2 (2 via header; 2 rear)	4 x USB 2.0 (2 via header; 2 rear) 5 x USB 3.2 Gen1 (2 via header; 2 rear)	4 x USB 2.0 3 x USB 3.0	8 x USB 2.0 5 x USB 3.0
<b>COM</b>	1 x COM (header)	1 x COM (1 header)	1 x COM (1 header)	1 x COM (1 header)	2 x COM (1 header)
<b>TPM</b>	Yes				
<b>Expansion slots</b>	2 x PCIe 5.0 x16, 3 x PCIe 5.0 x8,	4 x PCIe 4.0 x16	2 x PCIe 4.0 x16, 1 x PCIe 4.0 x8 (in x16 slot), 2 x PCIe 4.0 x8	2 x PCIe 3.0 x16, 3 x PCIe 3.0 x8, 1 x PCIe 3.0 x4 (in x8)	2 x PCIe 3.0 x8 (in x16) 4 x PCIe 3.0 x8 1 x PCIe 3.0 x4 (in x8)
<b>I/O shield</b>	1 x VGA, 2 x USB 2.0, 2 x USB 3.2 2 x GbE, 1 x BMC LAN	1 x VGA, 4 x USB 3.2, 2 x 10GbE; 1 x IPMI	1 x VGA, 2 x USB, 2 x USB 3.2, 2 x 10GbE; 1 x IPMI	1 x VGA, 2 x USB 2.0, 2 x GbE, 1 x IPMI LAN	1 x COM, 1 x VGA, 2 x USB 2.0, 2 x USB 3.0, 2 x GbE, 1 x IPMI LAN



GO-M41ATX  
Vista dall'alto senza  
copertura superiore



GO-M41ATX  
Vista posteriore

## Alimentatori



EN 62368

Z-HG2-5700G  
PS2 Single 700W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
22A	22A	59A	-	0.5A	3A
Input 90~264VAC Full Range					
MTBF 221.177 h					
Dimensioni 140x86x150 mm					



EN 62368

Z-MRG-5800V4V  
PS2 Redundant 800W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
32A	32A	65A	-	0.8A	3.5A
Input 90~264VAC Full Range					
MTBF 127.078 h					
Dimensioni 150x86x200 mm					



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					



EN 62368

Z-BMRW-5360V4V  
PS2 Redundant 360W 24VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	28A	-	0.8A	3.5A
Input 18VDC...36VDC					
MTBF 125.331 h					
Dimensioni 150x86x185 mm					



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					



EN 62368

Z-DMRW-5600V4V  
PS2 Redundant 600W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	45A	-	0.8A	3.5A
Input -36VDC...-72VDC					
MTBF 120.000 h					
Dimensioni 150x86x185 mm					