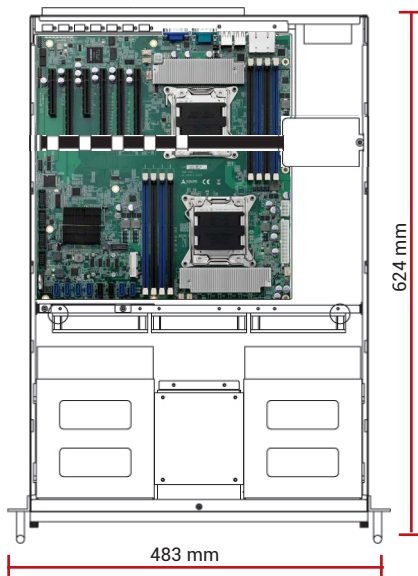


# Server Industriali

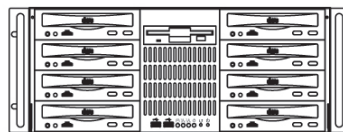
## Serie GO-440ATXR - Chassis per Motherboard



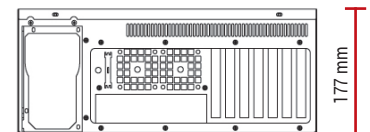
Server Industriale 4U  
 Configurato su richiesta  
 Burn in climatico su ogni apparato  
 Test Report di collaudo



Fronte



Retro



### Chassis

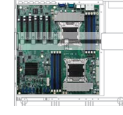
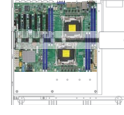
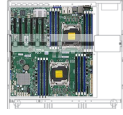
IP-296- Rev.18

Dimensioni	Chassis 4U - 483 x 177 x 624 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 13"
Varianti	GO-440ATXR-PF: Chassis, con ventole PWM, colore nero.
Drives	8 x 5.25" + 4 x 3.5" HDD + 1 x 3.5" FDD oppure 1 x 5.25" + 15 x 3.5 HDD + 1 x 3.5 FDD
Ventilazione	3x ventole (120mm = 90CFM cad.) & 2x ventole (60mm = 23.5CFM cad.)(Optional)
Led sul fronte	LED per Power On/Off, funzionalità HDD, 2 x LAN
Pulsanti	Power ON/OFF Momentary (Dimple), System Reset
Fronte	Porta frontale con viti removibili; 2 x USB
Retro	Allloggiamento 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... +45°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 / 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



	MDB-x10DRi/ MDB-x10DRi-T	MDB-x10DRL-i	IMB-S90
<b>CPU Preferred</b>		<ul style="list-style-type: none"> <li>• E5-2603V4: 6C, 1.7GHz, 85W</li> <li>• E5-2620V4: 8C, 2.10GHz, 85W</li> <li>• E5-2630V4: 10C, 2.2GHz, 85W</li> <li>• E5-2640V4: 10C, 2.40GHz, 90W</li> <li>• E5-2608LV3: 6C, 2GHz, 52W</li> <li>• E5-2630V3: 8C, 2.40GHz, 85W</li> <li>• E5-2640V3: 8C, 2.60GHz, 90W</li> </ul>	<ul style="list-style-type: none"> <li>• E5-2620: 6C, 2GHz</li> <li>• E5-2648L: 8C, 1.8GHz</li> <li>• E5-2658: 8C, 2.1GHz</li> <li>• E5-2658V2: 10C, 2.4GHz</li> </ul>
<b>Chipset</b>	Intel C612		Intel C604
<b>RAM</b>	DDR4 - 2400/2133/1866/ 1600MHz, 16 x DIMM, max. 2TB ECC REG.	DDR4 - 2400/2133/1866/ 1600MHz, 8 x DIMM, max. 1TB ECC REG.	DDR3 - 1600MHz, 8 x DIMM, max. 128GB ECC REG.
<b>Graphics</b>	ASPEED AST2400 BMC VGA		ASPEED AST2300 BMC VGA
<b>Ethernet</b>	2 GbE / T: 2x 10GBase-T Ethernet + 1 IPMI LAN port	2 GbE + 1 IPMI LAN port	2 GbE
<b>SATA ports</b>	10 x SATA 600 (support RAID 0,1,5,10)		6 x SATA 600, 2 x SATA 300, (support RAID 0,1,5,10) 1 x Mini-PCIe or mSATA 600
<b>M.2 slots</b>	--	--	--
<b>NVME Ports</b>	--	--	--
<b>USB</b>	6 x USB 2.0 5 x USB 3.0	5 x USB 2.0 4 x USB 3.0	8 x USB 2.0
<b>COM</b>	2 x COM (1 header)		
<b>Other</b>	TPM		Audio 16 x DIO w/isolation
<b>Expansion slots</b>	3x PCI-E 3.0 x16 3x PCI-E 3.0 x8	3x PCI-E 3.0 x8 1x PCI-E 3.0 x16 1x PCI-E 3.0 x4 (in x8) 1x PCI-E 2.0 x4 (in x8)	4x PCI-E 3.0 x16 1x PCI-E 2.0 x4 (in x8) 1x PCI-E 3.0 x8
<b>I/O shield</b>	1 x COM, 1 x VGA, 2 x USB 2.0, 2 x USB 3.0, 2 x GbE, 1 x IPMI LAN		1 x COM, 1 x VGA, 4 x USB 2.0, 2 x GbE

## 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					