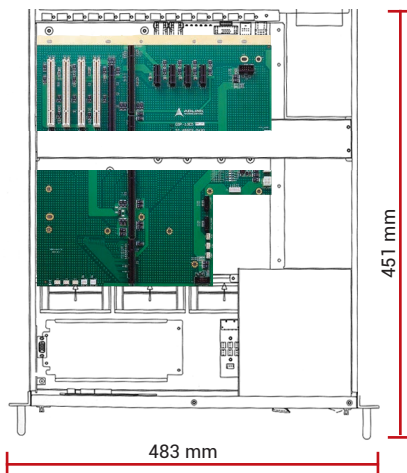


# Workstation Industriali

## Serie GO-M41SR - Chassis per SBC 1.3



Workstation Industriale 4U  
 Display 7" TFT integrato  
 Tastiera Cherry con trackball  
 Backplane fino a 13 slot  
 Configurato su richiesta  
 Burn in climatico su ogni apparato  
 Test Report di collaudo



### Chassis

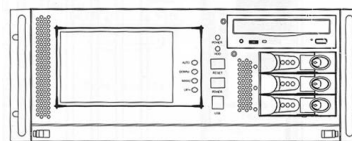
IP-267- Rev.18

Dimensioni	Chassis 4U - 483 x 177 x 510 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Backplane passivo PICMG 1.3
Varianti	GO-M41SR: Chassis colore nero
Drives	1x 5.25" & 3x 3.5" Swappable Trays & 3x 3.5"HDD
Display	7" TFT (800 x 400)
Tastiera	83/84 tasti US, trackball
Ventilazione	3 x ventole 92mm (= 51 CFM cad.) & 2 x ventole 60mm (=23.5CFM cad.)
Led sul fronte	LEDs per Power e funzionalità HDD
Pulsanti	Power ON/OFF, System Reset , Display menù
Fronte	2 x USB
Retro	Alloggiamento per 14 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	5 - 95% non condensata
Temperatura	Operativa 0°C... +50°C Storage -20°C... +70°C

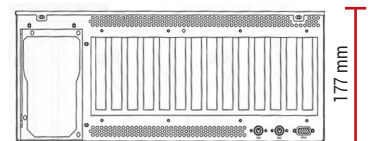
### Complementi

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>

Fronte



Retro



## Single Board

	ROBO-8115VG2AR	SPCIE-C246	ROBO-8113VG2AR
CPU Preferred	<ul style="list-style-type: none"> <li>W-1290E: 10C 3.5 GHz • W-1270E: 8C 3.4 GHz</li> <li>W-1250: 6C 3.3 GHz • W-1250P: 6C 4.1 GHz</li> <li>W-1290: 10C 3.2 GHz • W-1290P: 10C</li> </ul>	E-2176G: 6C 3.7GHz	<ul style="list-style-type: none"> <li>E3-1275V5: 4C 3.6GHz</li> <li>E3-1225V5: 4C 3.3GHz</li> <li>i3-6100-3G7: 2C 3.7GHz</li> </ul>
Chipset	Intel W480E	Intel C246	Intel C236
RAM	DDR4 2666 SDRAM 4x DIMM, max 128GB	DDR4 - 2666, 2 x DIMM, max.64GB w/ECC & non-ECC	DDR4 - 2133/1866, 2 x DIMM, max.32GB w/ECC
Graphics	Triple independent displays by VGA on bracket (1920x1200 @ 60Hz) DVI-I on bracket (1920x1200 @ 60Hz) (VGA + DVI-D on bracket by DVI-I port) HDMI on board (4096x2160 @ 30Hz)	Dual display supported HDMI (4096 x 2304 @ 30Hz) DP (4096 x 2304 @ 60Hz)	VGA (1920 x 1200 @ 60Hz) DVI-D (1920 x 1200 @ 60Hz) HDMI (4096 x 2160 @ 24Hz)
Ethernet	2 GbE	2 GbE	2 GbE
SATA ports	5 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)
M.2 slots	1x M.2 Type M 2280 (on bottom side)	PCI-E x4 M key	-
USB	4x USB 2.0 ports 4x USB 3.2 Gen 2 ports on board 2x USB 3.2 Gen 2 ports on bracket	4 x USB 3.2 / 7 x USB 2.0	10 x USB 3.0 / 2 x USB 2.0
COM	2x RS232 2x RS-232/422/485 selectable	3 x RS232 1 x RS422/485	2 x RS232 2 x RS232/422/485
KB/MS	1x 10 pin box header for external	1 x internal pin header	1 x internal pin header
Other	Audio, on board programmable Digital I/O	Audio, 1 x Digital I/O	Audio, PS/2
TPM	Yes	Yes	-
I/O Bracket	2 x USB 3.2, 2x GbE, 1 x DVI-I	2 x USB 3.2, 2x GbE, 1 x HDMI	2 x USB, 2 x GbE, 1 x DVI-I

## Backplane

EBP-5E1	EBP-7E2	EBP-9E2	EBP-10E5	PBPE-11A3	PBPE-12P4
1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-X, 2 x PCI	1 x PICMG CPU, 1 x PCI-E, x16, 1 x PCI-E x4, 4 x PCI	1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-E x4, 6 x PCI	1 x PICMG CPU, 1 x PCI-E x16, 4 x PCI-E x1, 4 x PCI	1 x PCI-E x16 (GEN3 con Robo-8112), 2 x PCI-E x16 (x8 signal GEN3 con Robo-8112), 4 x PCI-E x8 (x1 signal), 3 x PCI-E	1 x PCI-E x16 (x8 signal GEN3 con Robo-8112), 2 x PCI-E x8 (x4 signal), 4 x PCI-E x4 (x1 signal), 4 x PCI

## 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

**AC**

EN 62368

**Z-HG2-5600V**  
PS2 Single 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	45A	-	0.8A	3.5A

Input 100~240VAC Full Range  
MTBF 171.848 h  
Dimensioni 150x86x140 mm

**AC**

EN 62368

**Z-MRPS2-500-2AC**  
PS2 Redundant 500W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	20A	40A	0.3A	0.5A	3A

Input 90V~264VAC  
MTBF >100.000 h  
Dimensioni 150x84x190 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

**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

**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

**DC**

EN 62368

**Z-BMRW-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