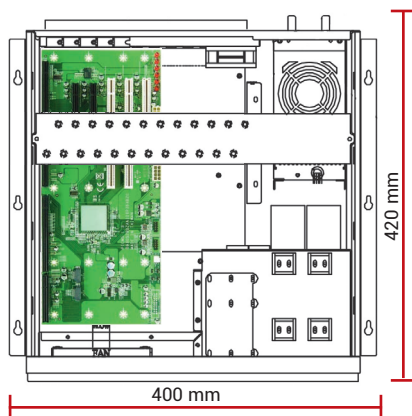


# Workstation Industriali

## Serie GO-120SR - Tower / Box per SBC 1.3



Tower / Box  
 Configurato su richiesta  
 Burn in climatico su ogni apparato  
 Test Report di collaudo



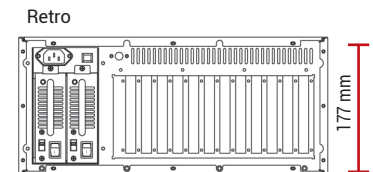
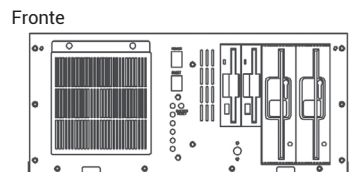
### Chassis

IP-238- Rev.20

Dimensioni	Tower / Box 400 x 177 x 420 mm
Montaggio	Rack 19" con angolari per montaggio a muro o a pannello
Materiale	Acciaio pre-zincato
Architettura	Backplane passivo PICMG 1.3
Varianti	GO-120SR: PC Node colore nero
Drives	Esterni: 2 x 5.25", 2 x 3.5" Interni: 1 x 3.5"
Ventilazione	1 x ventola 120mm (= 90 CFM cad.)
Filtri	1 filtro per l'aria rimovibile dal fronte lavabile
Led sul fronte	Power On/Off, funzionalità HDD, Fan e temperature
Pulsanti	Power On/Off e System Reset
Fronte	Porta frontale con serratura, 2 x USB, PS2
Retro	Alloggiamento per 12 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

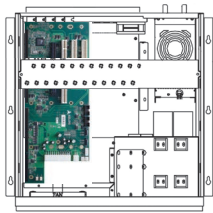
Storage	<ul style="list-style-type: none"> <li>Dischi interni HDD / SSD / M.2</li> <li>Cassetti estraibili singoli o multipli per HDD / SSD / U.2</li> <li>Soluzioni SATA / SAS / NVMe</li> </ul>
Media	<ul style="list-style-type: none"> <li>Masterizzatore DVD</li> <li>Lettore interno CFLASH, Memory Stick, 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>



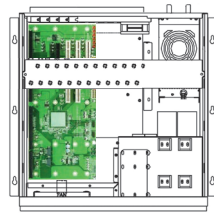
## Single Board

	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

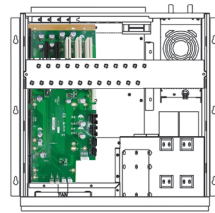
## Backplane



**EBP-5E1**  
1 x PICMG CPU, 1 x PCI-E x16,  
1 x PCI-X, 2 x PCI



**PBPE-05A364**  
1 x PICMG CPU, 1 x PCI-E x16,  
2 x PCI-X, 1 x PCI



**EBP-6E2**  
1 x PICMG CPU, 1 x PCI-E x16,  
1 x PCI-E x4, 3 x PCI



**GO-120SR**  
Vista posteriore

## Alimentatori



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				



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				



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				



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				