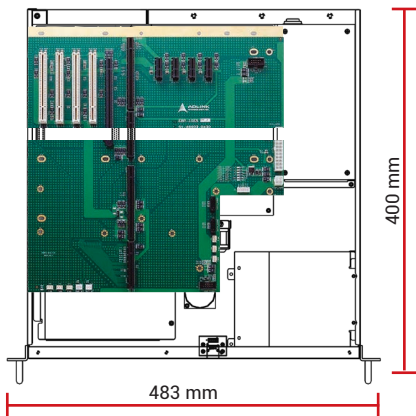


Workstation Industriali

Serie GOI-400 - Chassis per SBC 1.3



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



Chassis

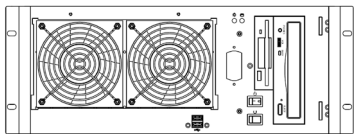
IP-255- Rev.18

Dimensioni	Chassis 4U - 483 x 177 x 400 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Backplane passivo PICMG 1.3
Varianti	GOI-400-1-PF: Chassis colore nero
Drives	1 x 3.5" + 1 x 5.25" + 1 x 3.5" HDD
Ventilazione	2 x ventole 120mm
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off e System Reset
Fronte	Porta drives con serratura 2 x USB
Retro	Alloggiamento per 14 bracket full size, 2 x COM e 1 x PS
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

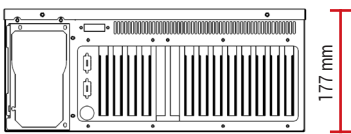
Complementi

Storage	• Dischi interni HDD / SSD / M.2 • Cassetti estraibili singoli o multipli per HDD / SSD / U.2 • Soluzioni SATA / SAS / NVMe
Media	• 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	• 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	• Windows® versioni Enterprise / Embedded • Windows® versioni Server • Linux

Fronte



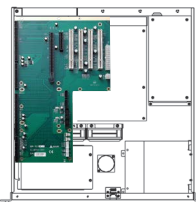
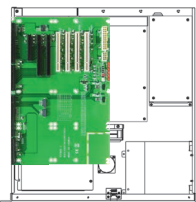
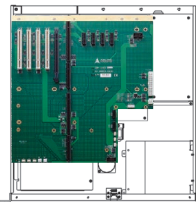
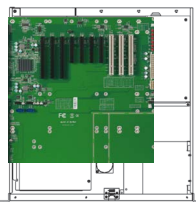
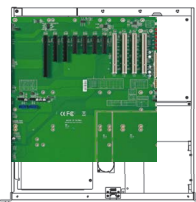
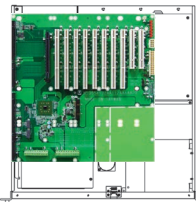
Retro



Single Board

	 ROBO-8115VG2AR	 SPCIE-C246
CPU Preferred	• W-1290E: 10C 3.5 GHz • W-1270E: 8C 3.4 GHz • W-1250: 6C 3.3 GHz • W-1250P: 6C 4.1 GHz • W-1290: 10C 3.2 GHz • W-1290P: 10C	E-1276G: 6C 3.7GHz
Chipset	Intel W480E	Intel C246
RAM	DDR4 2666 SDRAM 4x DIMM, max 128GB	DDR4 - 2666, 2 x DIMM, max.64GB w/ECC & non-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)
Ethernet	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)
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
COM	2x RS232 2x RS-232/422/485 selectable	3 x RS232 1 x RS422/485
KB/MS	1x 10 pin box header for external	1 x internal pin header
Other	Audio, on board programmable Digital I/O	Audio, 1 x Digital I/O
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

Backplane

 EBP-7E2 1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-E x4, 4 x PCI	 PBPE-08P41 1 x PICMG CPU, 2 x PCI-E x16 (x8 signal), 1 x PCI-E x8 (x4 signal), 4 x PCI	 EBP-10E5 1 x PICMG CPU, 1 x PCI-E x16, 4 x PCI-E x1, 4 x PCI	 PBPE-11A3 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	 PBPE-12P4 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	 PBPE-12AA64 1 x PICMG CPU, 1 x PCI-E x16, 8 x PCI-X, 2 x PCI
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Alimentatori (profondità max 200 mm - con DVD max 150 mm)

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



PMBus

Pinout 2

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



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



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					