

PC Industriali

Serie GO-102 - Chassis per SBC 1.3



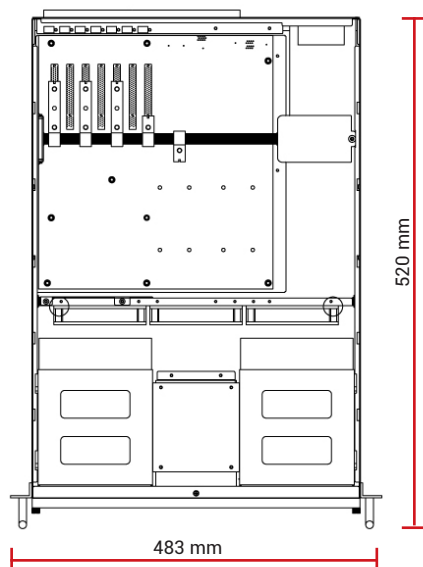
PC Industriale 1U

Fino a 2 slot di espansione

Configurato su richiesta

Burn in climatico su ogni apparato

Test Report di collaudo



Chassis

IP-297- Rev.22

Dimensioni	Chassis 1U - 483 x 44 x 520 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Backplane passivo PICMG 1.3
Varianti	• GOI-102-SATA-R: Chassis colore nero per backplane passivo PICMG 1.3 GO e PSU ridondato • GOI-102-SATA-S: Chassis colore nero per backplane passivo PICMG 1.3 GO e PSU singolo
Drives	1x Slim CD-ROM, 2 x 3.5" Swappable Tray
Ventilazione	2 x ventole 40 x 20mm (= 7.0 CFM cad.)
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off e System Reset
Fronte	Porta drives con viti imperdibili, connettore PS2, 2 x USB
Retro	Alloggiamento per 3 bracket full size, COM e USB
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

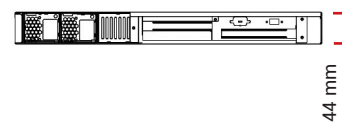
Complementi

Storage	• Dischi interni HDD / SSD / M.2 • Cassetti estraibili singoli o multipli per HDD / SSD • Soluzioni SATA / SAS
Media	• Masterizzatore DVD • Lettore interno CFLASH, Memory Stick, SD Card, SDHC etc. • Tastiera beige/nera italiana/inglese • Mouse ottico
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

				
	NUPRO-E47	PCIE-Q470	PCIE-Q370	NUPRO-E43
CPU Preferred	• i9-14900: 24C, 2.00GHz, 65-219W • i7-14700: 20C, 2.10GHz, 65-219W • i5-14500: 14C, 2.60GHz, 65-154W • i3-14100: 4C, 3.50GHz, 60-110W • i7-13700E: 16C, 1.90GHz, 65W • i5-13500E: 14C, 4.40GHz, 65W • i3-13100E: 4C, 3.30GHz, 60W • i7-12700E: 12C, 1.60GHz, 65W • i5-12500E: 6C, 2.90GHz, 65W • i3-12100E: 4C, 3.20GHz, 60W	• i7-10700E: 8C, 2.9GHz, 65W • i5-10500E: 6C, 3.1GHz, 65W • i3-10100E: 4C, 3.6GHz, 65W	• i7-8700: 6C 3.20 GHz, 65W • i5-8500: 6C 3.00 GHz, 65W • i3-8100: 4C 3.60 GHz, 65W	• i7-7700: 4C 3.6GHz, 65W • i5-7500: 4C 3.4GHz, 65W • i3-7101E: 2C 3.9GHz, 54W • i7-6700: 4C 3.4GHz, 65W • i5-6500: 4C 3.2GHz, 65W
Chipset	Intel Q670E	Intel Q470	Intel Q370	Intel Q170
RAM	DDR5 – 4800 2x DIMM, max. 64GB	DDR4 – 2933 4 x DIMM, max. 128GB	DDR4 – 2666, 4 x DIMM, max. 64GB	DDR4 - 2133, 2 x DIMM, max.32GB
Graphics	VGA (up to 1920 x 1200@60Hz) HDMI (up to 4096 x 2160@30Hz) DVI-D (up to 1920 x 1200@60Hz)	HDMI (up to 4096 x 2160@30Hz)	VGA (1920 x 1080) DP (up to 4096 x 2304)	VGA (1920 x 1200) DVI-D (1920 x 1200)
Ethernet	2 GbE	2,5 GbE	2 GbE	2 GbE
SATA ports	6x SATA3 (support RAID 0,1,5,10)	4x SATA3 (support RAID 0,1,5,10)	6x SATA3 (support RAID 0,1,5,10)	4x SATA3 (support RAID)
M.2 slots	1x M.2 M Key 2280 with PCI-E Gen4 x4	1x M.2 A Key 2230 w/PCI-E x2/USB 2.0 1x M.2 B Key 3042/3052/2242/2280 w/SIM holder with PCI-E Gen3 x2 1x M.2 M Key 2280/2242 with PCI-E x4	1x M.2 M key 2280, Gen3 PCI-E x4	--
USB	3x USB 3.2 Gen 2x1 (10Gbps) on rear I/O 6x USB 3.2 Gen 1x1 via headers 1x USB 3.2 Gen 1x1 vertical type A 4x USB 2.0 to backplane	6x USB 2.0 6 x USB 3.2	7x USB 2.0 4x USB 3.2	4x USB 2.0 8x USB 3.0
COM	2x RS-232 2x RS-232/422/485	2x RS-232 2x RS-422 / 485	3x RS-232 1x RS-422 / 485	2x RS232 2x RS232/422/485
KB/MS	NO	NO	1 x 16 pin	1 pin header for PS/2
Other	91-49030-0010: Audio (optional)	Audio	Audio	Audio, LPT
I/O Bracket	1x HDMI, 2x LAN, 3x USB 3.2	1x HDMI , 2x LAN, 2x USB 3.2, 1x USB 3.2 Type C	1x VGA, 2x LAN, 2x USB 3.2	1x VGA, 2x LAN, 2x USB

Backplane



GO-3004
1 x PCI-E x16
1 x PCI-E x4

Alimentatori (profondità max 270 mm)

AC



EN 62368

Z-P1H-5400V
1U Single 400W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
22A	22A	32A	-	0.8A	3.5A
Input 90 ~ 264VAC Full Range					
MTBF 142.487 h					
Dimensioni 100x40.5x225 mm					

AC



EN 62368

Z-MRPS1-300-2AC
1U Redundant 300W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	20A	24A	-	0.5A	3A
Intervallo 90 ~ 264VAC Full Range					
MTBF 100.000 h					
Dimensioni 106x41.5x260.5 mm					

AC



EN 62368

Z-M1R2-5600K2H-PM1.2
1U Redundant 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
22A	22A	50A	-	0.5A	3A
Input 100 ~ 264VAC Full Range					
MTBF --					
Dimensioni 106x41.3x295 mm					

DC



EN 62368

Z-DP1H-5460V
1U Single 460W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	37A	-	0.8A	3A
Input -36 ~ -72VDC					
MTBF 132.674 h					
Dimensioni 100x40.5x225 mm					



GO-102
Vista dall'alto
senza copertura superiore