

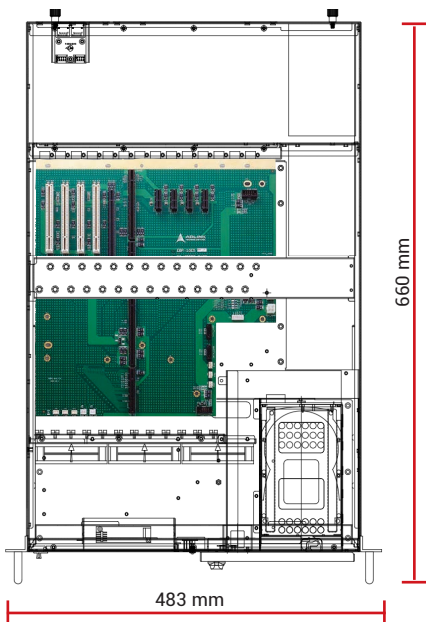
PC Industriali

Serie GOI-M41-R6 - Chassis per SBC 1.3



GOI-M41-R6
Vista posteriore con pannello GOI-M41-blank

PC 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



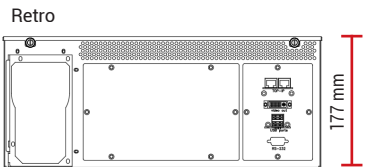
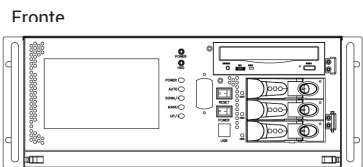
Chassis

IP-346 - Rev.8

Dimensioni	Chassis 4U - 483 x 177 x 660 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Backplane passivo PICMG 1.3
Varianti	GOI-M41-R6: Chassis 4U 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 (92 mm = 51.0CFM cad.) & 2 x ventole (60 mm = 23.5CFM cad.)
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power ON/OFF, System Reset, Display menù
Fronte	2 x USB
Retro	Pannello 2x RJ45, 1x DVI, 2x USB, 1x COM Pannello personalizzabile 21 x 13 cm
Colore	Nero
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



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, x M.2 B Key 3042/3052/2242/2280 w/SIM holder w/PCI-E Gen3 x2 1x M.2 M Key 2280/2242 w/ 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 (opt.)	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

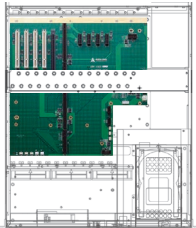
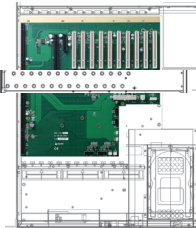


GOI-M41-R6
Vista dall'alto
senza copertura superiore



GOI-M41-R6
Vista posteriore con pannello
GOI-M41-PPI316

Backplane

	
EBP-10E5 1 x PICMG CPU, 1 x PCI-E x16, 4 x PCI-E x1, 4 x PCI	EBP-13E2 1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-E x4, 10 x PCI

Alimentatori

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



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-5500V4V
PS2 Redundant 500W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	41A	-	0.8A	3.5A

Input -36VDC...72VDC
MTBF 125.083 h
Dimensioni 150x86x185 mm