

PC Industriali

Serie GO-M41SR - Chassis per SBC 1.3



PC Industriale 4U

Display 7" TFT integrato

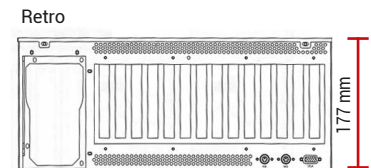
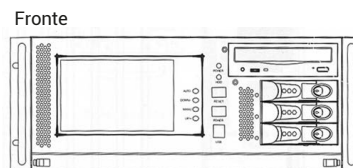
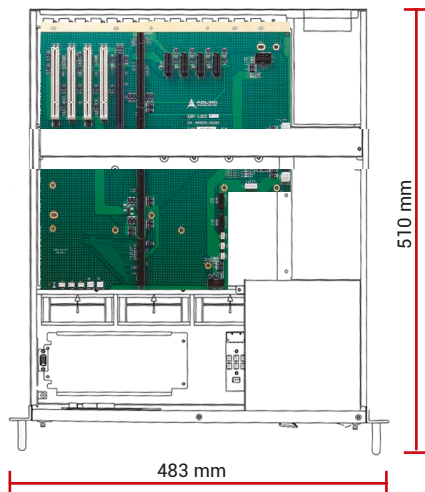
Tastiera Cherry con trackball

Backplane fino a 13 slot

Configurato su richiesta

Burn in climatico su ogni apparato

Test Report di collaudo



Chassis





IP-267 - Rev.20

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 (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	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	10 - 95% non condensata
Temperatura	Operativa 0°C... +50°C Storage -20°C... +70°C

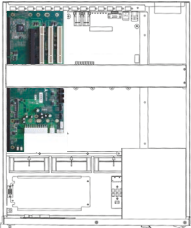
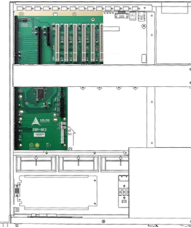
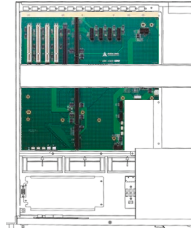
Complementi

Storage	<ul style="list-style-type: none"> • Dischi interni HDD / SSD / M.2 • Cassetti estraibili singoli o multipli per HDD / SSD / U.2 • Soluzioni SATA / SAS / NVMe
Media	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Windows® versioni Enterprise / Embedded • Windows® versioni Server • Linux








Single Board

				
	NUPRO-E47	PCIE-Q470	PCIE-Q370	NUPRO-E43
CPU Preferred	<ul style="list-style-type: none"> i7-12700E: 12C 4.8GHz, 65W i5-12500E: 6C 4.5GHz, 65W i3-12100E: 4C 4.2GHz, 60W 	<ul style="list-style-type: none"> i7-10700E: 8C, 2.9GHz, 65W i5-10500E: 6C, 3.1GHz, 65W i3-10100E: 4C, 3.6GHz, 65W 	<ul style="list-style-type: none"> i7-8700: 6C 3.20 GHz, 65W i5-8500: 6C 3.00 GHz, 65W i3-8100: 4C 3.60 GHz, 65W 	<ul style="list-style-type: none"> 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	Audio	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

		
EBP-5E1 1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-X, 2 x PCI	EBP-9E2 1 x PICMG CPU, 1 x PCI-E x16, 1 x PCI-E x4, 6 x PCI	EBP-10E5 1 x PICMG CPU, 1 x PCI-E x16, 4 x PCI-E x1, 4 x PCI

Alimentatori

<p>AC</p>  <p>EN 62368</p> <p>FSP600-80PSA PS2 Single 600W</p> <table border="1"> <thead> <tr> <th colspan="6">Output</th> </tr> <tr> <th>+3.3V</th> <th>+5V</th> <th>+12V</th> <th>-5V</th> <th>-12V</th> <th>+5VSB</th> </tr> </thead> <tbody> <tr> <td>25A</td> <td>25A</td> <td>16A</td> <td>0.1A</td> <td>0.5A</td> <td>4A</td> </tr> <tr> <td colspan="6">Input 90~264VAC Full Range</td> </tr> <tr> <td colspan="6">MTBF 100.000 h</td> </tr> <tr> <td colspan="6">Dimensioni 150x86x140 mm</td> </tr> </tbody> </table>	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						<p>AC</p>  <p>EN 62368</p> <p>Z-MRPS2-500-2AC PS2 Redundant 500W</p> <table border="1"> <thead> <tr> <th colspan="6">Output</th> </tr> <tr> <th>+3.3V</th> <th>+5V</th> <th>+12V</th> <th>-5V</th> <th>-12V</th> <th>+5VSB</th> </tr> </thead> <tbody> <tr> <td>20A</td> <td>20A</td> <td>40A</td> <td>0.3A</td> <td>0.5A</td> <td>3A</td> </tr> <tr> <td colspan="6">Input 90V~264VAC</td> </tr> <tr> <td colspan="6">MTBF >100.000 h</td> </tr> <tr> <td colspan="6">Dimensioni 150x84x190 mm</td> </tr> </tbody> </table>	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						<p>AC</p>  <p>EN 62368</p> <p>Z-YH5751-1EA04R PS2 Redundant 750W</p> <table border="1"> <thead> <tr> <th colspan="6">Output</th> </tr> <tr> <th>+3.3V</th> <th>+5V</th> <th>+12V</th> <th>-5V</th> <th>-12V</th> <th>+5VSB</th> </tr> </thead> <tbody> <tr> <td>24A</td> <td>30A</td> <td>60.9A</td> <td>-</td> <td>0.5A</td> <td>4A</td> </tr> <tr> <td colspan="6">Input 90V~264VAC Full Range</td> </tr> <tr> <td colspan="6">MTBF 100.000 h</td> </tr> <tr> <td colspan="6">Dimensioni 150x84x200 mm</td> </tr> </tbody> </table>	Output						+3.3V	+5V	+12V	-5V	-12V	+5VSB	24A	30A	60.9A	-	0.5A	4A	Input 90V~264VAC Full Range						MTBF 100.000 h						Dimensioni 150x84x200 mm																																										
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