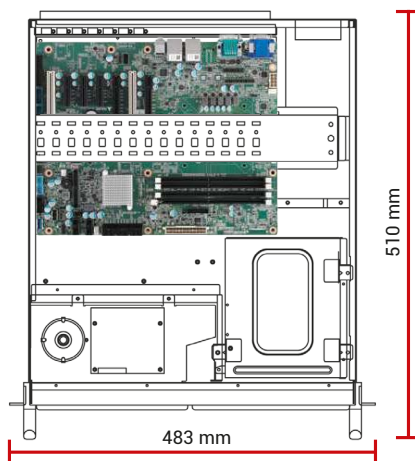


PC Industriali

Serie GO-414ATXR - Chassis per Motherboard



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



Chassis

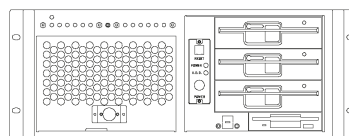
IP-199- Rev.24

Dimensioni	Chassis 4U - 483 x 177 x 510 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 9.6"
Varianti	GO-414ATXB-PF: Chassis con ventole PWM, colore nero GO-414ATX-W-PF: Chassis con ventole PWM, colore beige
Drives	3 x 5.25" + 1 x 3.5" esterni; 1 x 3.5" interno
Ventilazione	2 x ventole (120mm = 108 CFM cad.)
Filtri	1 filtro per l'aria rimovibile dal fronte
Led sul fronte	LEDs per Power e funzionalità HDD
Pulsanti	Power On/Off e System Reset
Fronte	Porta drives con serratura, 2 USB
Retro	Alloggiamento per 7 bracket full size
Altro	Struttura per drives ammortizzata Barra di ritenzione schede ad altezza regolabile
Colore	Nero, beige 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

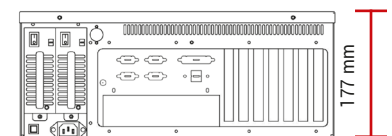
Complementi

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
Sistemi Operativi	<ul style="list-style-type: none"> Windows® versioni Enterprise / Embedded Windows® versioni Server Linux

Fronte



Retro




Motherboard

	IMB-M47	IMBA-ADL-H610	IMBA-Q471	IMBA-Q470	IMB-M45	IMBA-Q370	IMB-M45H
CPU Preferred	<ul style="list-style-type: none"> i7-12700E: 12C, 1.60GHz, 65W i5-12500E: 6C, 2.90GHz, 65W i3-12100E: 4C, 3.20GHz, 60W 		<ul style="list-style-type: none"> i7-11700: 8C, 2.5GHz, 65W i5-11500: 6C, 2.7GHz, 65W i7-10700E: 8C, 2.9GHz, 65W i5-10500E: 6C, 3.1GHz, 65W i3-10100E: 4C, 3.2GHz, 65W 			<ul style="list-style-type: none"> i7-9700E: 8C, 2.6GHz, 65W i5-9500E: 6C, 3.0GHz, 65W i3-9100E: 4C, 3.1GHz, 65W i7-8700: 6C, 3.2GHz, 65W i5-8500: 6C, 3GHz, 65W i3-8100: 4C, 3.6GHz, 65W 	
Chipset	Intel Q670	Intel H610/H610E	Intel Q470/Q470E	Intel Q470E	Intel C246	Intel Q370	Intel H310
RAM	DDR5-4400 MHz 4x DIMM max 128GB	DDR4-3200 MHz 2x DIMM max 64GB	DDR4-2933 MHz 4x DIMM max 128GB	DDR4-2933 MHz 4x DIMM max 128GB	DDR4-2666 / 2400 MHz 4x DIMM max 128GB	DDR4-2666 / 2400 MHz max 64GB	DDR4-2666 / 2400 MHz 2x DIMM max 64GB
Graphics	VGA, DP, HDMI	DP, HDMI, iDPM	VGA, DP, HDMI, DP	VGA, DP, HDMI Internal Type-C DP	VGA, DP, HDMI	VGA, DP++, HDMI	VGA, HDMI
Ethernet	3x 2.5 x GbE	1x 2.5 x GbE; 1x GbE	3x 2.5 x GbE	2x 2.5 x GbE	2x GbE	3x GbE	2x GbE
SATA ports	8x SATA3 (support RAID 0,1,5,10)	4x SATA3 (support RAID 0,1,5,10)	5x SATA3 (support RAID 0,1,5,10)	4x SATA3 (support RAID 0,1,5,10)	6 x SATA3 (support RAID 0,1,5,10)	6 x SATA3 (support RAID 0,1,5,10)	4 x SATA3
M.2 slots	1x M.2 M-Key, up to 25110, PCIe 1x M.2 E-Key, 2230, PCIe, USB 2.0 and CNVI 1x M.2 B-Key, 3042/3052, PCIe, USB3.2 Gen1, USB 2.0 and SIM	--	1x M.2 M-key 2242 / 2280, PCIe, SATA	1x M.2 A key 2230 PCI-E x1 / USB 2.0 1x M.2 M key 2242 / 2280 PCI-E x4	--	1x M.2 A key 2230 PCI-E x1 / USB 2.0 1x M.2 M key 2280 PCI-E x2	--
USB	5x USB 3.2 Gen2 1x USB 3.2 Gen2x2 (Type C) 2x USB 3.1 via header 2x USB 2.0 via header 2x vertical USB 2.0 connectors	2x USB 3.2 Gen 1 2x USB 3.2 Gen 2 4x USB 2.0 2x USB 2.0 via header	2 x USB 3.2 Gen 2 2 x USB 3.2 Gen 1 2 x USB 3.2 Gen1 via header 2 x USB 2.0 6 x USB 2.0 via header	2x USB 3.2 Gen2 2x USB 3.2 Gen1 2 x USB 3.1 Gen 1 via header 2x USB 3.0 6x USB 2.0 via header	4x USB 3.1 Gen2 connectors (rear) 2x USB 3.1 Gen1 via header 1x USB 3.1 Gen1 (vertical type A connector) 6x USB 2.0 via header 1x USB 2.0 (vertical type A connector)	2 x USB 3.1 Gen 2 2 x USB 3.1 Gen 1 2 x USB 2.0	4 x USB 3.0 2 x USB 2.0
COM	2x RS-232/422/485 4x RS-232	2 x RS-232/422/485 4 x RS-232	1 x RS-422/485 2 x RS-232	1 x RS-232/422/485 2 x RS-232	2 x RS-232/422/485 4 x RS-232	1 x RS-232 2 x RS-232/422/485 via header and 3 x RS232	2x RS-232/455/485 4x RS-232
Other	Audio, LPT, PS2; 8x GPI, 8x GPO	Audio, Digital IO	Audio, Digital IO	Digital IO	Audio, PS2 combo, LPT, DIO	Audio, PS2, DIO	Audio, LPT, PS2 Combo, DIO
TPM	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	--	TPM 2.0 (via header) optional TPM-IN02-R20	--
Expansion slots	1x PCI-E x16 1x PCI-E x8 2x PCI-E x4 3x PCI-E x1	1* PCI-E x16 1* PCI-E x4 2* PCI-E x1 2* PCI	2* PCI-E x16 3* PCI-E x4 open-end 2* PCI-E x1	1* PCI-E x16 3* PCI-E x4 open-end 3* PCI	1* PCI-E x16 Or 2* PCI-E x8 + 3* PCI-E x4 2* PCI	3*PCI-E x8 3*PCI-E x4 2*PCI	1* PCI-E x16 1* PCI-E x4 5* PCI
I/O shield	VGA, HDMI, DP 3x 2.5GbE 2x RS-232/422/485, Audio 5x USB 3.2, 1x USB 3.2	HDMI, DP 1x GbE, 1x 2.5 GbE 2x RS-232/422/485 6x USB 3.2, 4x USB 2.0	VGA, HDMI, DP 3x 2.5GbE 1x RS-232, Audio 4x USB 3.2, 2x USB 2.0	VGA, HDMI, DP 2x 2.5GbE 1x RS-232/422/485, 2x RS-232, Audio, PS2 4x USB 3.2, 2x USB 2.0	VGA, HDMI, DP 2x GbE 2x RS-232/422/485, Audio 4x USB 3.1	VGA, HDMI, DP++ 2x GbE 1x RS-232, Audio 6x USB, PS2	VGA, HDMI 2x GbE 2x RS-232/455/485 4x USB 3.0, 2x USB 2.0 Audio PS2 Combo

Alimentatori

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-PSM-5760V
PS2 Single 760W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	55A	-	0.8A	3A
Input 90~264VAC Full Range					
MTBF 115.017 h					
Dimensioni 150x86x160 mm					

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




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					

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



EN 62368

Z-BMRW-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					