PC Industriali
Serie GO-215H - Chassis per Motherboard

Chassis

IP-342- Rev.10

Dimensioni	Chassis 2U - 483 x 88 x 570 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 13"
Varianti	• GO-215H: Chassis colore nero. Riser nel 6° slot. • GO-215H-7TH-PF: Chassis colore nero. Riser nel 7° slot. Alimentatore singolo o ridondato. • GO-215HR-7TH-PF: Chassis colore nero. Riser nel 7° slot. Alimentatore 2U ridondato.
Drives	1x 5.25" CD-ROM slim, 3x 3.5" HDD, 2x 3.5" Swappable Trays
Ventilazione	3 x ventole (80mm = 42.5 CFM cad.)
Filtri	1 filtro per l'aria rimovibile dal fronte lavabile 30ppi
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off e System Reset
Fronte	Porta drives con viti imperdibili, 2 x USB
Retro	Alloggiamento per 3 bracket full size
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... +45°C Storage -20°C... +70°C

PC Industriale 2U

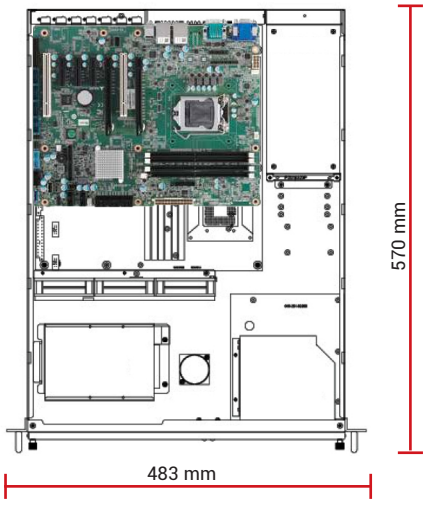
Configurato su richiesta

Burn in climatico su ogni apparato

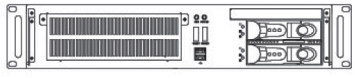
Test Report di collaudo

Complementi

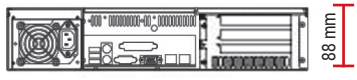
Storage	• Dischi interni HDD / SSD / M.2 • Cassetti estraibili singoli o multipli per HDD / SSD • Soluzioni SATA / SAS
Media	• Masterizzatore DVD • Tastiera beige/nera italiana/inglese • Mouse ottico
Controller RAID	SATA / SAS
Riser backplane	• RISER2U-2X16: Riser 2U PCI-E x16 • ARC2-733-X160X4C5V3: Riser 2U PCI-E x16 – 1 x PCI-E x16 + 1 x PCI-E x4
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
Sistemi Operativi	• Windows® versioni Enterprise / Embedded • Windows® versioni Server • Linux



Fronte

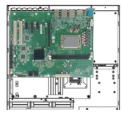
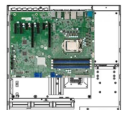
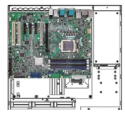
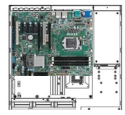
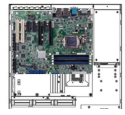
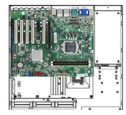


Retro



GOMA ELETTRONICA SpA

Motherboard

	IMB-M47	IMBA-ADL-H610	IMBA-Q471	IMBA-Q470	IMB-M45	IMBA-Q370	IMB-M45H
							
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		• i7-11700: 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		• 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	2x 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 (profondità max 300 mm)

AC

EN 62368

Z-P2H-5400V: 2U Single 400W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
22A	22A	32A	-	0.8A	3.5A
Intervallo	90 ~ 264VAC Full Range				
MTBF	144.647 h				
Dimensioni	100x70x215 mm				

AC

EN 62368

Z-P2M-5800V: 2U Single 800W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	62A	-	0.8A	3.0A
Intervallo	100 ~ 240VAC Full Range				
MTBF	93.283 h				
Dimensioni	100x70x280 mm				

AC

EN 62368

Z-FSP800-50FS: 2U Red 800W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	65A	-	0.3A	4.5A
Intervallo	90 ~ 264VAC				
MTBF	500.000 h				
Dimensioni	76x83.8x250 mm				

AC

EN 62368

Z-R2G-5600V4V: 2U Red 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	48A	-	0.8A	3.5A
Intervallo	100 ~ 240VAC Full Range				
MTBF	142.896 h				
Dimensioni	101x82x276 mm				

GO-215H
Vista dall'alto
senza copertura superiore