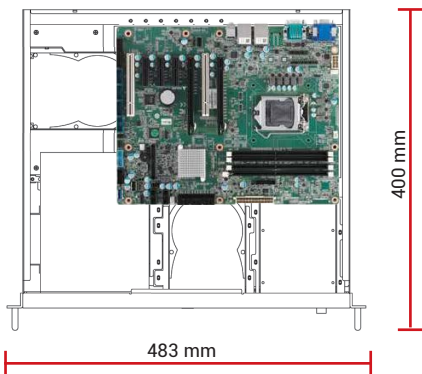


PC Industriali

Serie GO-351 - Chassis per Motherboard



PC Industriale 3U
Configurato su richiesta
Burn in climatico su ogni apparato
Test Report di collaudo



Chassis

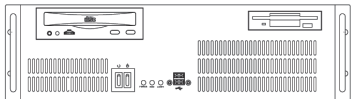
IP-314- Rev.17

Dimensioni	Chassis 3U - 483 x 133 x 400 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 9.6"
Varianti	GO-351-PF: Chassis con ventole PWM, colore nero
Drives	1 x 5.25" + 1 x 3.5" + 2 x 3.5"
Ventilazione	2 x ventole 80mm (=42.5 CFM) opzionale: 2 x ventole 60mm (=23.5 CFM cad.)
Led sul fronte	LEDs per Power on/off, funzionalità HDD e LAN
Pulsanti	Power On/Off momentaneo (Rocker) e System Reset
Fronte	2 x USB
Retro	Alloggiamento per 7 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... +50°C Storage -20°C... +70°C

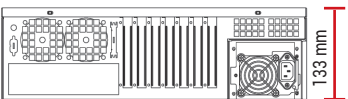
Complementi

Storage	• Dischi interni HDD / SSD / M.2 • Cassetti estraibili singoli o multipli per HDD / SSD / U.2 • Soluzioni SATA / SAS / NVMe
Media	• Masterizzatore DVD • 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
Sistemi Operativi	• Windows® versioni Enterprise / Embedded • Windows® versioni Server • Linux

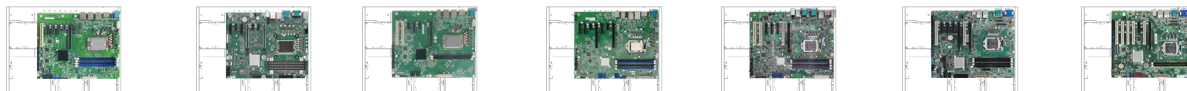
Fronte



Retro



Motherboard



	IMBA-ADL-Q670	IMB-M47	IMBA-ADL-H610	IMBA-Q471	IMBA-Q470	IMB-M45	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/Q670E	Intel Q670	Intel H610/H610E	Intel Q470/Q470E	Intel Q470E	Intel C246	Intel H310
RAM	DDR4-3200 MHz 4x DIMM max 128GB	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 2x DIMM max 64GB
Graphics	DP, HDMI, IDIM	VGA, DP, HDMI	DP, HDMI, iDPM	VGA, DP, HDMI, DP	VGA, DP, HDMI Internal Type-C DP	VGA, DP, HDMI	VGA, HDMI
Ethernet	2x 2.5 GbE	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
SATA ports	4x SATA3 (support RAID 0,1,5,10)	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)	4 x SATA3
M.2 slots	1x M.2 M key 2242/80 1x M.2 M key 2242/80	1x M.2 M-Key, up to 25110, PCIe 1x M.2 E-Key, 2230, PCIe, USB 2.0 and CNVr 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	--	--
USB	External 4x USB 3.2 Gen2 2x USB 3.2 Gen1 Internal 4x USB 2.0 via header 2x USB 3.1 Gen1 via header	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)	4 x USB 3.0 2 x USB 2.0
COM	2x RS-232/422/485 4x RS-232	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	2x RS-232/455/485 4x RS-232
Other	Audio	Audio, LPT, PS2; 8x GPI, 8x GPO	Audio, Digital IO	Audio, Digital IO	Digital IO	Audio, PS2 combo, LPT, DIO	Audio, LPT, PS2 Combo, DIO
TPM	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	--	--
Expansion slots	1 x PCIe Gen4 x16 1 x PCIe x4 open-end slot 2 x PCIe x4 open-end slot 2 x PCIe x1, 1 x PCI	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	1* PCI-E x16 1* PCI-E x4 5* PCI
I/O shield	HDMI, DP, 2x GbE, 1x RS-232/422/485, 6x USB 3.2, 1x RJ-45 for IPMI	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 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					

DC



Z-DR1S2-5380V4V: 2U Redundant 380W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	20A	30A	-	0.5A	2.5A
Input -36V ~ -72VDC					
MTBF 179.349 h					
Dimensioni 85x84x207 mm					

DC



Z-BR2G-5460V4V: 2U Redundant 400W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	37A	-	0.8A	3.5A
Input 18V ~ 36VDC					
MTBF 148.463 h					
Dimensioni 100x82x276 mm					



GO-351-PF
Vista dall'alto
senza copertura superiore