

Workstation Industriali

Serie GO-A32 - Chassis per Motherboard

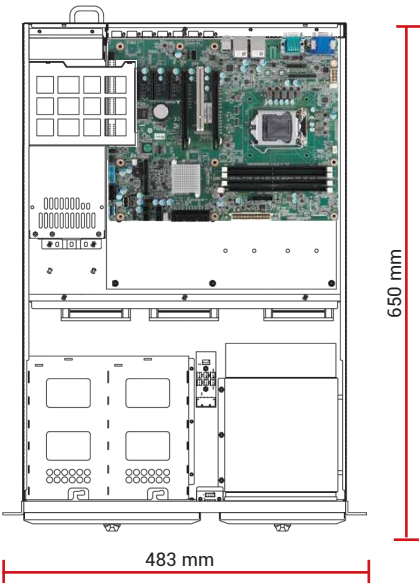


Workstation Industriale 3U

Configurato su richiesta

Burn in climatico su ogni apparato

Test Report di collaudo



Chassis

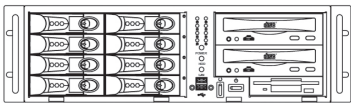
IP-245- Rev.17

Dimensioni	Chassis 3U - 483 x 133 x 650 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 10.5"
Varianti	• GO-A32-SAS-PF: Chassis con ventole PWM, colore nero. Versione SATA / SAS 12Gbs. Alimentatore singolo • GO-A32R-SAS-PF: Chassis con ventole PWM, colore nero. Versione SATA / SAS 12Gbs. Alimentatore ridondato
Drives	2 x 5.25" + 1 x 3.5" FDD; 8 x 3.5" Swappable Trays
Ventilazione	3 x ventole 92mm (= 51 CFM cad.), 2 x ventole (60mm = 23.5 CFM cad.) + opzione 2 x ventole 40mm
Led sul fronte	LED per Power, funzionalità HDD e LAN
Pulsanti	Power On/Off Momentary (Pushbutton) e System Reset
Fronte	2 Porte drives con serratura, 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

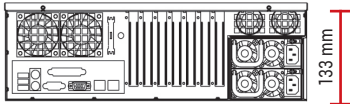
Complementi

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

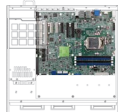
Fronte



Retro



Motherboard

					
	MBD-X13SAE-F	MBD-X12SCA-F	IMB-M45	IMB-M43-C236	IMBA-C2360-i2
CPU Preferred	• i9-14900: 24C, 2.00GHz, 65-219W • i7-14700: 20C, 2.10GHz, 65-219W • i5-14500: 10C, 2.50GHz, 65-148W • 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	• i9-10900E-2G8: 10C, 3.3GHz, 65W • i9-10900-2G8: 10C, 3.3GHz, 65W • i7-10700E-2G9: 8C, 2.9GHz, 65W • i5-10400-2G9: 8C, 2.9GHz, 65W	• E-2278GE: 8C, 3.3GHz, 80W • E-2226GE: 6C, 3.4GHz, 80W • i7-9700E: 8C, 2.6GHz, 65W • i5-9500E: 6C, 3.0GHz, 65W • i3-9100E: 4C, 3.1GHz, 65W	• E3-1275V5: 4C, 3.6GHz, 80W • E3-1225V5: 4C, 3.3GHz, 80W • E3-1275V6: 4C, 3.80GHz, 73W • E3-1225V6: 4C, 3.30GHz, 73W • 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 • i3-6100: 2C 3.7GHz, 51W	• E3-1275V5: 4C, 3.6GHz, 80W • E3-1225V5: 4C, 3.3GHz, 80W • E3-1275V6: 4C, 3.80GHz, 73W • E3-1225V6: 4C, 3.30GHz, 73W • 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 • i3-6100: 2C 3.7GHz, 51W
Chipset	Intel W680	Intel W480	Intel C246	Intel C236	Intel C236
RAM	DDR5-4400MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2933MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2666MHz 4x DIMM max 128GB Unbuffered ECC/non-ECC UDIMM	DDR4-2133 / 2400MHz 4x DIMM max 64GB Unbuffered ECC/non-ECC UDIMM	DDR4 - 2133MHz 4x DIMM, max 64GB Unbuffered ECC/non-ECC UDIMM
Graphics	VGA, DVI-D, DP, HDMI	VGA, HDMI, DVI-D, DP	VGA, HDMI, DP	VGA, 2 DP	VGA, DVI-D, HDMI, iDP
Ethernet	2 GbE	2 GbE	2 GbE	2 GbE	2 GbE
SATA Ports	8x SATA3 600, (support RAID 0,1,5,10)	4x SATA3 600, (support RAID 0,1,5,10)		6x SATA3 600, (support RAID 0,1,5,10)	
M.2 Slots	3x M.2 M-Key 2280, PCI-E 4.0 x4	2x M.2 M-Key 2280/110, PCI-E 3.0 x4	--	--	--
NVME Ports	--	--	--	--	--
USB	4x USB 2.0 (2 via header; 2 rear) 3x USB 3.2 Gen1 4x USB 3.2 Gen2 2x USB 3.2 Gen2x2	2x USB 2.0 3x USB 3.2 Gen1 5x USB 3.2 Gen2	6x USB 3.1 Gen2 6x USB 2.0	6x USB 2.0 8x USB 3.0	6x USB 2.0 5x USB 3.0
COM	1x COM Header	1x COM Header	2x RS-232/422/485 4x RS-232	4x RS-232 2x RS-232/422/485	4x RS-232 2x RS-422/485
Other	Audio	Audio	Audio, PS2 combo, LPT, DIO	Audio, PS2, LPT, DIO	Audio
Expansion slots	• 2x PCI-E 5.0 x16 • 2x PCI-E 3.0 x4 • 1x PCI	• 1x PCI-E 3.0 x4, • 2x PCI-E 3.0 x16 (16/NA or 8/8) • 1x PCI 32bit	• 2x PCI-E 3.0 x16 (16/NA or 8/8) • 3x PCI-E x4 Gen.3 • 2x PCI	• 2x PCI-E 3.0 x16 • 1x PCI-E 3.0 x4 16/NA/NA or 8/8/NA or 4/4/8 • 2x PCI-E x4 Gen.3 • 2x PCI	• 2x PCI-E 3.0 x8 • 2 x PCI • 3x PCI-E 3.0 x4
I/O shield	1x DP, 1x HDMI, 1x VGA, 1x DVI-D, IPMI LAN, 2x USB 2.0, 4x USB 3.2, 2x GbE, Audio	1x DP, 1x HDMI, 1x VGA, 1x DVI-D, IPMI LAN, 6x USB 3.2, 2x GbE, 6x USB 3, Audio	1x DP 1.2, 1x HDMI 1.4, 1x VGA, 4x USB 3.1 Gen2 2x RS-232/422/485 2x GbE , Audio	2x DP, 1x VGA, PS2, 6x USB, 2x LAN, 2x COM, Audio	1x HDMI, 1x VGA, 1x DVI-D, PS2, 6x USB, 2x LAN, Audio

Alimentatori (profondità max 300 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
Input					
100 ~ 240VAC Full Range					
MTBF					
93.283 h					
Dimensioni					
100x70x280 mm					

AC



EN 62368

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

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



GO-A32
Vista posteriore



GO-A32
Vista dall'alto senza copertura superiore