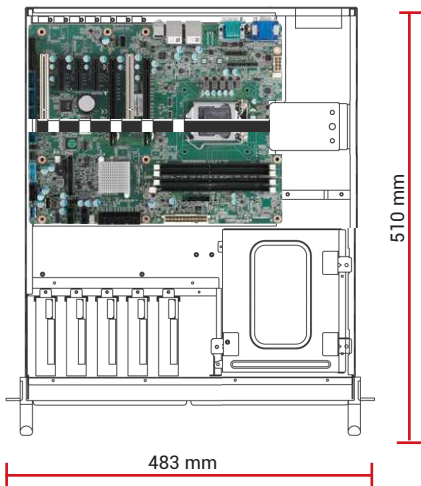


Workstation Industriali

Serie GO-419ATXR - Chassis per Motherboard



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



Chassis

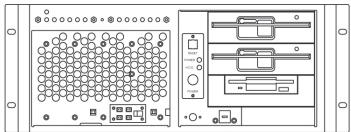
IP-284 - Rev.8

Dimensioni	Chassis 4U - 483 x 177 x 510 mm
Montaggio	Rack 19"
Materiale	Acciaio pre-zincato
Architettura	Motherboard ATX max 12" x 13"
Varianti	GO-419ATXR-PF: Chassis, con ventole PWM, colore nero GO-419ATXR-PF-3.0: Chassis, con ventole PWM, USB 3.0, colore nero
Drives	2 x 5.25" + 1 x 3.5" esterni; 5 x 3.5" + 1 x 3.5" (opt.) interni
Ventilazione	2 x ventole 90mm (= 51 CFM cad.)
Filtri	1 filtro per l'aria rimovibile dal fronte lavabile
Led sul fronte	LED per Power e funzionalità HDD
Pulsanti	Power On/Off e System Reset
Fronte	Porta drives con serratura, 2 x 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... +45°C Storage -20°C... +70°C

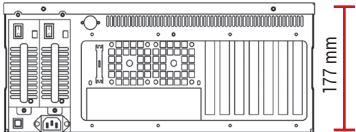
Complementi

Storage	- Dischi interni HDD / SSD / M.2 - Cassetti estraibili singoli o multipli per HDD / SSD / U.2 - Soluzioni SATA / SAS / NVMe
Media	- Masterizzatore DVD - 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

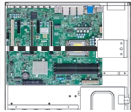
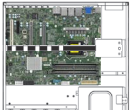
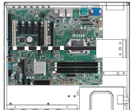
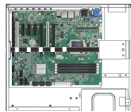
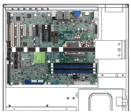
Fronte



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

AC



EN 62368

FSP600-80PSA

PS2 Single 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	16A	0.1A	0.5A	4A

Input90~264VAC Full Range

MTBF100.000 h

Dimensioni150x86x140 mm

AC



EN 62368

Z-HG2-5600V

PS2 Single 600W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	45A	-	0.8A	3.5A

Input100~240VAC Full Range

MTBF171.848 h

Dimensioni150x86x140 mm

AC



PINBus
PinBus 1.2

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

Input90V~264VAC

MTBF>100.000 h

Dimensioni150x84x190 mm



GO-419ATXR

Vista posteriore

DC



EN 62368

BES-540C

PS2 Single 400W 24VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	30A	-	0.8A	3.5A

Input20VDC...36VDC

MTBF121.000 h

Dimensioni150x86x140 mm

DC



Z-BMRW-5360V4V

PS2 Redundant 360W 24VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	28A	-	0.8A	3.5A

Input18VDC...36VDC

MTBF125.331 h

Dimensioni150x86x185 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

MTBF143.878 h

Dimensioni150x86x140 mm

DC



Z-DMRW-5600V4V

PS2 Redundant 600W -48VDC

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
25A	25A	45A	-	0.8A	3.5A

Input-36VDC...72VDC

MTBF120.000 h

Dimensioni150x86x185 mm