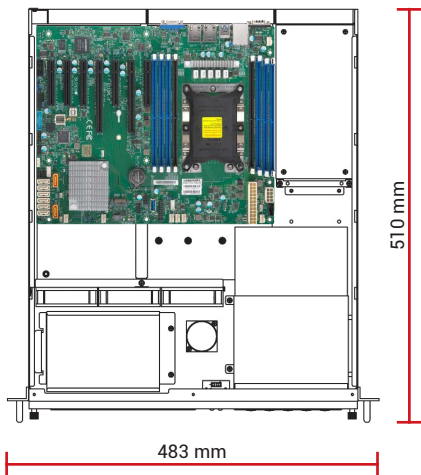


Industrial Server

GO-214V Series - Chassis for Motherboard



2U Industrial Server
Configured on request
Climatic Burn in on each equipment
Test Report



Chassis

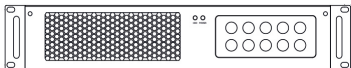
IP-374- Rev.1 EN

Dimension	2U Chassis - 483 x 88 x 510 mm
Mounting	Rack 19"
Material	Pre-galvanised steel
Architecture	ATX Motherboard max 12" x 13"
Versions	GO-214V: Black color chassis. Single PSU. GO-214VR: Black color chassis. Redundant PSU.
Drives	1x 5.25", 1x 3.5", 1x 5.25" Slim, 3x 3.5" internal HDD
Cooling	3 x 80mm fans (= 42.5 CFM cad.) on front
Front led	LED for Power and HDD functionality
Switch	Power On/Off and System Reset
Front	Door with captive screws, 2x USB
Rear	7x full size brackets
Color	Black
Shock	15g duration 11ms - EN 60068-2-27
Vibration	10-150Hz: 1G - EN 60068-2-6
Humidity	10 - 95% non-condensed
Temperature	Operative 0°C... +50°C Storage -20°C... +70°C

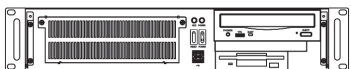
Options

Storage	• HDD / SSD / M.2 internal disks • Single or multiple removable drawers for HDD / SSD / U.2 • SATA / SAS / NVMe solutions
Media	• DVD writer • Internal reader CFLASH, Memory Stick, SD Card, SDHC etc. • Beige or black italian or english keyboard • Optical
RAID Controller	SATA / SAS / NVMe
I/O boards	• Ethernet Server Adapter • GPGPU / Video • Multi-Head • Analogic and Digital I/O • FPGA • MULTISERIALS • Frame Grabber • MIL-1553 / ARINC 429 / ARINC 418 Low Profile
Operative Systems	• Windows® Enterprise / Embedded versions • Windows® Server versions • Linux

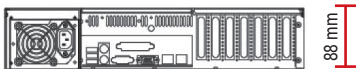
Closed Front



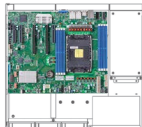
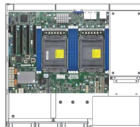
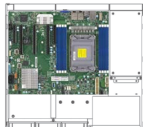
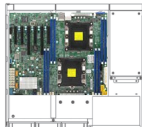
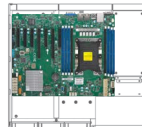
Open Front



Rear



Motherboard

					
	MBD-X13SEI-TF	MBD-X12DPL-NT6 MBD-X12DPL-i6	MBD-X12SPI-TF	MDB-X11DPL-i	MDB-X11SPL-F
CPU Preferred	• XEON GOLD 6430: 32C, 2.10GHz, 270W • XEON GOLD 5420+: 28C, 2GHz, 205W • XEON GOLD 5433+: 20C, 2.30GHz, 160W	• XEON GOLD 6326 (16C/2,9GHz/185W) • XEON GOLD 6330 (28C/2,0GHz/205W) • XEON GOLD 6348 (28C/ 2.60 GHz / 235W)		• XEON GOLD 6126: 12C, 2.60GHz, 125W • XEON GOLD 5220T: 18C, 1.90GHz, 105W • XEON GOLD 5120T: 14C, 2.2GHz, 105W • XEON SILVER 4216: 16C, 2.10GHz, 100W • XEON SILVER 4108: 8C, 1.80GHz, 85W • XEON SILVER 4208: 8C, 1.80GHz, 85W	
Chipset	Intel C741	Intel C621A		Intel C621	
RAM	DDR5 - 5600MHz, 8 x DIMM, max. 2TB ECC REG.	DDR4 - 3200MHz, 8 x DIMM, max. 2TB ECC REG.		DDR4 - 2666/2400/2133MHz, 8 x DIMM, max. 1TB ECC REG.	DDR4 - 2666/2400/2133/1866/1600MHz, 8 x DIMM, max. 1TB ECC REG.
Graphics	ASPEED AST2600 BMC			ASPEED AST2500 BMC VGA	
Ethernet	2 x 10 GbE 1 x IPMI LAN port	2 x 10 GbE (i6= 2 x GbE) 1 IPMI LAN port	2 x 10 GbE 1 IPMI LAN port	2 GbE + 1 IPMI LAN port	
SATA ports	10 x SATA3 (support RAID 0,1,5,10)	14 x SATA3 (2 x DOM) (support RAID 0,1,5,10)	10 x SATA3 (support RAID 0,1,5,10)	10 x SATA3 (2 x DOM) (support RAID 0,1,5,10)	8 x SATA3 (support RAID 0,1,5,10)
M.2 slots	2 x M.2 NVMe; M-Key, 2280/22110		1 x M.2 SATA / NVMe; M-Key, 2280/22110	1 x M.2 PCIe 3.0 x4	--
NVME Ports	2 x M.2 PCIe 5.0 x8	1 x PCIe 4.0 NVMe x8	1 x PCIe 3.0 NVMe x4	--	--
USB	2 x USB 2.0 4 x USB 3.2 Gen1 (2 rear; 1 via header; 1 type A)	5 x USB 3.2 (2 via header; 2 rear)	4 x USB 2.0 (2 via header; 2 rear) 5 x USB 3.2 Gen1 (2 via header; 2 rear)	4 x USB 2.0 3 x USB 3.0	8 x USB 2.0 5 x USB 3.0
COM	1 x COM (header)	1 x COM (1 header)	1 x COM (1 header)	1 x COM (1 header)	2 x COM (1 header)
TPM	Yes				
Expansion slots	2 x PCIe 5.0 x16, 3 x PCIe 5.0 x8,	4 x PCIe 4.0 x16	2 x PCIe 4.0 x16, 1 x PCIe 4.0 x8 (in x16 slot), 2 x PCIe 4.0 x8	2 x PCIe 3.0 x16, 3 x PCIe 3.0 x8, 1 x PCIe 3.0 x4 (in x8)	2 x PCIe 3.0 x8 (in x16) 4 x PCIe 3.0 x8 1 x PCIe 3.0 x4 (in x8)
I/O shield	1 x VGA, 2 x USB 2.0, 2 x USB 3.2 2 x 10 GbE, 1 x IPMI	1 x VGA, 4 x USB 3.2, 2 x 10GbE; 1 x IPMI	1 x VGA, 2 x USB, 2 x USB 3.2, 2 x 10GbE; 1 x IPMI	1 x VGA, 2 x USB 2.0, 2 x GbE, 1 x IPMI LAN	1 x COM, 1 x VGA, 2 x USB 2.0, 2 x USB 3.0, 2 x GbE, 1 x IPMI LAN

Power Supply (max 250 mm depth)

AC



EN 62368

Z-P2H-5400V

2U Single 400W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
22A	22A	32A	-	0.8A	3.5A

Input 90 ~ 264VAC Full Range

MTBF 144.647 h

Dimension 100x70x215 mm

AC





EN 62368

Z-ZRH2-5800K2V-PM12

2U Redundant 800W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	20A	66A	-	0.5A	3.5A

Input 100V ~ 264VAC

MTBF 180.506 h

Dimension 84x76x245 mm

DC





EN 62368

Z-DZRH2-5800V2V

2U Redundant 800W

Output					
+3.3V	+5V	+12V	-5V	-12V	+5VSB
20A	20A	66A	-	0.5A	3.5A

Input -36V ~ -72VDC

MTBF 173.645 h

Dimension 76x84x245 mm