



**ONE 100**

## Optionen

Prozessor	Taktfrequenz	Turbo Boost	Cores	DDR3 RAM
<b>Intel Xeon 5600 Serie</b>				
Intel Xeon X5680	3.33 GHz	ja	6	1333, 1066, 800
Intel Xeon X5677	3.46 GHz	ja	4	1333, 1066, 800
Intel Xeon X5670	2.93 GHz	ja	6	1333, 1066, 800
Intel Xeon X5667	3.06 GHz	ja	4	1333, 1066, 800
Intel Xeon X5660	2.80 GHz	ja	6	1333, 1066, 800
Intel Xeon X5650	2.66 GHz	ja	6	1333, 1066, 800
Intel Xeon E5640	2.66 GHz	ja	4	1066, 800
Intel Xeon L5640	2.26 GHz	ja	6	1333, 1066, 800
Intel Xeon E5630	2.53 GHz	ja	4	1066, 800
Intel Xeon L5630	2.13 GHz	ja	4	1066, 800
Intel Xeon E5620	2.40 GHz	ja	4	1066, 800
Intel Xeon L5609	1.86 GHz	nein	4	1066, 800

<b>Intel Xeon 5500 Serie</b>				
Intel Xeon W5580	3.20 GHz	ja	4	1333, 1066, 800
Intel Xeon X5570	2.93 GHz	ja	4	1333, 1066, 800
Intel Xeon X5560	2.80 GHz	ja	4	1333, 1066, 800
Intel Xeon X5550	2.66 GHz	ja	4	1333, 1066, 800
Intel Xeon E5540	2.53 GHz	ja	4	1066, 800
Intel Xeon E5530	2.40 GHz	ja	4	1066, 800
Intel Xeon L5520	2.26 GHz	ja	4	1066, 800
Intel Xeon E5520	2.26 GHz	ja	4	1066, 800
Intel Xeon L5506	2.13 GHz	nein	4	800
Intel Xeon E5506	2.13 GHz	nein	4	800
Intel Xeon E5504	2.00 GHz	nein	4	800
Intel Xeon E5502	1.86 GHz	nein	2	800

RAM Herstellerbezeichnung	Hersteller	Größe	Taktfrequenz
<b>DDR3-1066 Registered ECC</b>			
HMT31GR7AFR4C-G7	Hynix	8 GB	1066 MHz

<b>DDR3-1333 Registered ECC</b>			
HMT112R7TFR8C-H9	Hynix	1 GB	1333 MHz
HMT112R7BFR8C-H9	Hynix	1 GB	1333 MHz
KVR1333D3S8R9S/1GHT	Kingston / Value	1 GB	1333 MHz
HMT125V7TFR8C-H9	Hynix	2 GB	1333 MHz
HMT125R7TFR8C-H9	Hynix	2 GB	1333 MHz
MT9JSF25672PZ-1G4D1AD	Micron	2 GB	1333 MHz
MT18JSF25672PDZ-1G4F1	Micron	2 GB	1333 MHz
78A1GCCAF1	Apacer	2 GB	1333 MHz
AL56M72B8BJH9S	ATP	2 GB	1333 MHz
HMT125R7TFR4C-H9 T2	Hynix	2 GB	1333 MHz
M393B5270CH0-CH9	Samsung	4 GB	1333 MHz
M393B5273CH0-CH9	Samsung	4 GB	1333 MHz
HMT351R7BFR8C-H9	Hynix	4 GB	1333 MHz
HMT151R7TFR4C-H9	Hynix	4 GB	1333 MHz
HMT151R7BFR4C-H9	Hynix	4 GB	1333 MHz
MT36JSZ51272PZ-1G4F	Micron	4 GB	1333 MHz
M393B1K70CH0-CH9	Samsung	8 GB	1333 MHz
HMT31GR7BFR4C-H9	Hynix	8 GB	1333 MHz
HMT31GR7AFR4C-H9	Hynix	8 GB	1333 MHz
MT36JSZF1G72PZ-1G4D1	Micron	8 GB	1333 MHz
AL24M72E4BKH9S	ATP	8 GB	1333 MHz
MT36JSZF1G72PDZ-1G4DZESDD	Micron	8 GB	1333 MHz

<b>DDR3 1.35V-1333 Registered ECC</b>			
HMT125R7TFR8A-H9	Hynix	2 GB	1333 MHz
MT9KSF25672PZ-1G4DZESDD	Micron	2 GB	1333 MHz
HMT31GR7AFR4A-H9	Hynix	8 GB	1333 MHz
MT36KSZF1G72PZ-1G4D1AD	Micron	8 GB	1333 MHz

HDD Herstellerbezeichnung	Hersteller	Größe	U/m
<b>SATA-Festplatten</b>			
ST3500514NS	Seagate	500 GB	7200
WD2002FYPS	Western Digital (WD)	2000 GB	5400
HUA722020ALA330	Hitachi	2000 GB	7200
ST32000644NS	Seagate	2000 GB	7200
WD2003FYYS	Western Digital (WD)	2000 GB	7200
ST31000524NS	Seagate	1000 GB	7200
WD1002FBYS	Western Digital (WD)	1000 GB	7200
WD5002ABYS	Western Digital (WD)	500 GB	7200

<b>SAS-Festplatten (SAS2.0)</b>			
ST36000025S	Seagate	600 GB	
ST3500414SS	Seagate	500 GB	7200
ST34508025S	Seagate	450 GB	
ST32000444SS	Seagate	2000 GB	7200
ST31000424SS	Seagate	1000 GB	7200
ST36000575S	Seagate	600 GB	



## Spezifikationen

<b>Processor/Cache</b>		<b>Dimensions</b>	
<b>CPU</b>	<ul style="list-style-type: none"> <li>Dual 1366-pin LGA Sockets</li> <li>Supports up to two Intel® 64-bit Xeon® processor(s) of the same type</li> </ul>	<b>Height</b>	• 1.7" (43mm)
<b>QPI</b>	• up to 6.4 GT/s	<b>Width</b>	• 17.2" (437mm)
<b>System Memory</b>		<b>Depth</b>	• 27.75" (705mm)
<b>Memory Capacity</b>	<ul style="list-style-type: none"> <li>18x 240-pin DIMM sockets</li> <li>Supports up to 192 GB DDR3 ECC Registered memory</li> <li>Supports up to 48 GB DDR3 ECC/ Non ECC Unbuffered memory</li> <li>Memory Mirroring supported</li> </ul>	<b>Gross Weight</b>	• 43 lbs (19.45 kg)
<b>Memory Voltage</b>		<b>Expansion Slots</b>	
<b>Memory Voltage</b>	• 1.5 V / 1.35V	<b>Left Slot</b>	• 2 (x8) PCIe 2.0 slots
<b>Error Detection</b>	<ul style="list-style-type: none"> <li>Corrects single-bit errors</li> <li>Detects double-bit errors (using ECC memory)</li> <li>Supports Intel® x4 and x8 Single Device Data Correction (SDCC)</li> </ul>	<b>Right Slot</b>	• 1 (x4) PCIe 2.0 (in x8 slot -Low-Profile - 5.5" depth)
<b>On-Board Device</b>		<b>Drive Bays</b>	
<b>Chipset</b>	<ul style="list-style-type: none"> <li>Intel® 5520 (Tylersburg) chipset</li> <li>ICH10R</li> </ul>	<b>1U SAS / SATA Backplane w/ SES2 Enclosure Management</b>	
<b>SAS</b>	<ul style="list-style-type: none"> <li>LSI 6Gbps SAS 2108 w/ Hardware RAID support</li> <li>RAID 0, 1, 5, 6, 10 support (Windows)</li> <li>RAID 0, 1, 10 support (Linux)</li> </ul>	<b>Hot-swap</b> • 4x3.5" SAS / SATA Hot-swap drive trays	
<b>SATA</b>	<ul style="list-style-type: none"> <li>Intel ICH10R SATA 3.0Gbps Controller</li> <li>RAID 0, 1, 5, 10 support (Windows)</li> <li>RAID 0, 1, 10 support (Linux)</li> </ul>	<b>Peripheral Drives</b>	
<b>IPMI</b>	<ul style="list-style-type: none"> <li>Support for Intelligent Platform Management Interface v2.0</li> <li>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</li> <li>Winbond® WPCM450 BMC</li> </ul>	<b>DVD-ROM</b> • Slim 8x DVD, 24x CD, DVD-ROM drive	
<b>Network Controllers</b>	<ul style="list-style-type: none"> <li>Intel® 82576 Dual-Port Gigabit Ethernet Controller</li> <li>Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li> <li>Intel® I/OAT 3 support for fast, scalable, and reliable networking</li> <li>VMDq support for better performance of virtualization</li> <li>1x Realtek RTL8201N PHY (dedicated IPMI)</li> </ul>	<b>System Cooling</b>	
<b>Graphics</b>	• Matrox G200eW	<b>Fans</b>	• 5xCooling Fans
<b>Super I/O</b>	• Winbond 83827HF chip	<b>Shroud</b>	• 1xAir Shroud
<b>Input / Output</b>		<b>Power Supply</b>	
<b>Serial ATA</b>	• Six Serial ATA ports	<b>700W/750W Redundant AC-DC high-efficiency power supply with PMBus and I2C</b>	
<b>LAN</b>	<ul style="list-style-type: none"> <li>2xRJ45 LAN ports</li> <li>1xRJ45 Dedicated IPMI LAN port</li> </ul>	<b>AC Input</b>	
<b>USB</b>	<ul style="list-style-type: none"> <li>2xUSB 2.0 rear ports</li> <li>1xUSB 2.0 on-board</li> <li>2xUSB 2.0 internal headers</li> </ul>	<ul style="list-style-type: none"> <li>700W: 100-140 V, 50-60 Hz, 8.5-6 Amp</li> <li>750W: 180-240 V, 60-50 Hz, 5-3.8 Amp</li> </ul>	
<b>VGA</b>	• 1x VGA Port	<b>DC Output +5V • 3 Amp standby</b>	
<b>Keyboard/Mouse</b>	• PS/2 keyboard and mouse ports	<b>DC Output +12V</b>	
<b>Serial Port/Header</b>	<ul style="list-style-type: none"> <li>1 Fast UART 16550 serial port</li> <li>1 Fast UART 16550 serial header (Option)</li> </ul>	<ul style="list-style-type: none"> <li>700W: 58 Amp @ 100-140V</li> <li>750W: 62 Amp @ 180-240V</li> </ul>	
<b>Front Panel</b>		<b>Certification</b> • 80PLUS Gold Certified	
<b>Buttons</b>	<ul style="list-style-type: none"> <li>Power On/Off Button</li> <li>System Reset Button</li> <li>UID Button</li> </ul>	<b>System BIOS</b>	
<b>LEDs</b>	<ul style="list-style-type: none"> <li>Power LED</li> <li>Hard drive activity LED</li> <li>2xNetwork activity LEDs</li> <li>System Overheat LED</li> <li>Universal Information (UID) LED</li> </ul>	<b>BIOS Type</b> • 32Mb SPI Flash EEPROM with AMI® BIOS	
		<b>BIOS Features</b>	
		<ul style="list-style-type: none"> <li>Plug and Play (PnP)</li> <li>PCI 2.2</li> <li>ACPI up to 3.0</li> <li>USB Keyboard support</li> </ul>	
		<b>Compliance / Operating Environment</b>	
		<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>	
		<b>Unterstützte Betriebssysteme (32bit &amp; 64bit)</b>	
		<b>Solaris</b> • Solaris 10 U8, Solaris 10 U9	
		<b>ESX/ESXI</b> • 4.2u2, 4.1	
		<b>Windows</b> • Windows XP Professional, Windows Vista, Windows 7	
		<b>Windows Server</b> • Windows Server 2003 Enterprise, Windows Server 2008 Enterprise, Windows Server 2008 R2 Enterprise	
		<b>Linux</b>	
		<ul style="list-style-type: none"> <li>Redhat 4, Redhat 5.3, Redhat 5.4, Redhat 5.5</li> <li>Fedora 11, Fedora 12, Fedora 13, Fedora 14</li> <li>SuSe 11.2/10, SuSe 11.2/10 SP1/10, SuSe 11.2/10, SP2/10, SuSe 11.2/10 SP3/11</li> <li>Ubuntu 10.4</li> </ul>	
		<b>BSD</b> • FreeBSD 6.3, FreeBSD 7.0, FreeBSD 8.0	



Beispielabbildung

## Beispielkonfiguration

	ONE100-1204	ONE100-1204	ONE100-1208	ONE100-1208
CPU	1×INTEL XEON E5630, 2,53GHz, 4-CORE, with QPI up to 6.4 GT/s (Intel® 5520 (Tylersburg) Chipset)	1×INTEL XEON X5670, 2,93GHz, 6-CORE, with QPI up to 6.4 GT/s (Intel® 5520 (Tylersburg) Chipset)	2×INTEL XEON E5640, 2,66GHz, 4-CORE, with QPI up to 6.4 GT/s (Intel® 5520 (Tylersburg) Chipset)	2×INTEL XEON X5670, 2,93GHz, 6-CORE, with QPI up to 6.4 GT/s (Intel® 5520 (Tylersburg) Chipset)
RAM	3×4GB DDR3 DIMM, 1333MHz, ECC registered	9×2GB DDR3 DIMM, 1333MHz, ECC registered	12×4GB DDR3 DIMM, 1333MHz, ECC registered	18×4GB DDR3 DIMM, 1333MHz, ECC registered
RAID	LSI 2108 8-Port 6Gbps SAS Hardware RAID-Controller; RAID 0, 1, 5, 6, 10, 50, 60	LSI 2108 8-Port 6Gbps SAS Hardware RAID-Controller; RAID 0, 1, 5, 6, 10, 50, 60	LSI 2108 8-Port 6Gbps SAS Hardware RAID-Controller; RAID 0, 1, 5, 6, 10, 50, 60	LSI 2108 8-Port 6Gbps SAS Hardware RAID-Controller; RAID 0, 1, 5, 6, 10, 50, 60
NIC	1×INTEL 82576 Dual-Port Gigabit Ethernet Controller	1×INTEL 82576 Dual-Port Gigabit Ethernet Controller	1×INTEL 82576 Dual-Port Gigabit Ethernet Controller	1×INTEL 82576 Dual-Port Gigabit Ethernet Controller
HDD	2×3,5" SATA-II, 250GB, 8,9ms Zugriffszeit, 16MB Cache; geeignet für 24/7 RAID Einsatz	2×3,5" SATA-I, 500GB, 8,9ms Zugriffszeit, 16MB Cache; geeignet für 24/7 RAID Einsatz	4×Fujitsu/Toshiba SAS, 147GB SAS 15K U/min	4×Fujitsu/Toshiba SAS, 300GB SAS 15K U/min
PCI-Slots	2 (x8) PCI-E 2.0 slots (Full-High/Full-Length), 1 (x4) PCI-E 2.0 (in x8 slot -Low-Profile- 5,5" depth)	2 (x8) PCI-E 2.0 slots (Full-High/Full-Length), 1 (x4) PCI-E 2.0 (in x8 slot -Low-Profile- 5,5" depth)	2 (x8) PCI-E 2.0 slots (Full-High/Full-Length), 1 (x4) PCI-E 2.0 (in x8 slot -Low-Profile- 5,5" depth)	2 (x8) PCI-E 2.0 slots (Full-High/Full-Length), 1 (x4) PCI-E 2.0 (in x8 slot -Low-Profile- 5,5" depth)
VGA	Integrated Matrox G200eW Graphics	Integrated Matrox G200eW Graphics	Integrated Matrox G200eW Graphics	Integrated Matrox G200eW Graphics
Management	1x IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	1x IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	1x IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	1x IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
DVD	Slim DVD-ROM Drive	Slim DVD-ROM Drive	Slim DVD-ROM Drive	Slim DVD-ROM Drive
Garantie	36 Monate, NBD	36 Monate, NBD	36 Monate, NBD	36 Monate, NBD
Chassis	19" 1U, 750W Redundant AC-DC high-efficiency power supply (80PLUS Gold Certified), 4×3,5" Hot-swap SAS/SATA HDD tray	19" 1U, 750W Redundant AC-DC high-efficiency power supply (80PLUS Gold Certified), 4×3,5" Hot-swap SAS/SATA HDD tray	19" 1U, 750W Redundant AC-DC high-efficiency power supply (80PLUS Gold Certified), 8×3,5" Hot-swap SAS/SATA HDD tray	19" 1U, 750W Redundant AC-DC high-efficiency power supply (80PLUS Gold Certified), 8×3,5" Hot-swap SAS/SATA HDD tray

## Vertrieb:

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the net profiler



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