PRIMESERVER PRO
PRODUCT DATA

GARANTIE 5 JAHRE GARANTIE

HIGH CONNECTIVITY,
DIRT-RESISTANT,
EASY ACCESS,
MOUNTABLE OR
FREESTANDING,
SILENT.

The server with unique features

As with all Prime Computer products, the PrimeServer Pro is fanless and designed for durability, reliability and easy maintenance. Thanks to Intel Xeon D-2100 processors, the server also meets high demands in terms of performance and features.

The PrimeServer Pro offers all the usual features of an standard server, but the fanless design provides additional benefits. The PrimeServer Pro is completely silent, dirt and dust resistant and delivers superior reliance versus conventional servers. Exchanging or upgrading drives, RAM and other components is simple thanks to „hot swap" SSD / HDD hybrid caddys and the intelligently placed inspection openings. These design characteristics result in significantly reducing your maintenance costs.

Control and independence

Even in the time of cloud storage and cloud computing, it still makes sense for companies to operate their own servers. The most important advantages are complete control and independence. The PrimeServer Pro comes with a 19-inch rack mounting kit and screw-on feet, so that the server can be placed either in a rack or free-standing. Especially for companies without their own server room, the latter is a practical option.

Highlights

- 8- or 12-core Intel Xeon D processors
- 6 x 2.5" Caddy SATA/SAS SSD & HDD
- Additional M.2 SSD
- Redundant power supply
- 6x LAN thereof 2x 10 GBit/s
- LTE or WiFi
- Up to 128 GB DDR4 ECC RAM
- 19" Rack Mounting Kit and free standing
- 100% climate-neutral

PRIMESERVER PRO - SPECIFICATIONS

Color	Black	
Processors	Intel Xeon D-2146NT	Intel Xeon D-2166NT
Number of processor cores	8	12
Number of threads	16	24
Number of RAM slots	4	
RAM type	2666 / 2400 / 2133 MHz ECC DDR4 (Operating speed max. 2133 MHz)	
RAM form factor	RDIMM/LRDIMM	
RAM capacity	Max. 128 GB (4x 32 GB)	
Number M.2 slots	1	
Number 2.5" caddys	6	
2.5" caddy type	SATA/SAS SSD & HDD Hybrid Caddy	
SSD/HDD height	Max. 9.5 mm	
SSD/HDD requirement	Max. operating temperature >= 60° Celcius	
RAID	0 / 1 / 5 / 10	
SIM slot	1x Nano-SIM	
IPMI	1x LAN-Port / ASPEED AST2500	
Number of ethernet ports	8	
Ethernet speed	4x 10/100/1000 Mbit/s / 2x 10'000 Mbit/s	
LAN	4x RJ45 Gigabit Ethernet LAN ports / 2x RJ45 10 GBase-T ports	
Network controller	4x Intel Ethernet Controller I350-AM4 / Dual LAN 10 Gbase-T	
USB	1x USB 2.0 (front) / 2x USB 3.0 (rear)	
mPCIE	1x LTE or 1x Wi-Fi Intel 8265NGW	
Graphics card type	On board	
Graphics card model	ASPEED AST2500 BMC	
Video Output	VGA D-Sub Connector port	
TPM	Supermicro AOM-TPM-9670V	
Software	IPMI 2.0 / KVM with dedicated LAN / Watchdog	
BIOS type	UEFI 128 MB	
BIOS functions	ACPI 6.1 / SMBIOS 3.1 / UEFI 2.6 / PCI FW 3.2	
Operating system architecture	64-bit	
Supported operating systems	Microsoft Windows® - Server 2012 R2, Server 2016, Server 2019, Server 2022 Linux - RedHat RHEL, SuSe SLES Virtual - VMWare® ESXi 6.5 or higher, Citrix XenServer 7.2, Proxmox VE 6.4 or higher, Hyper-V	
Power supply	2x 180 Watt redundant / external	
Dimensions	W: 42 cm (16.5 in), H: 8.7 cm (3.4 in), L: 23.3 cm (9.2 in)	
Weight	9 kg	
Certificates	EMC_RF: IP51	
	Energy Efficiency: EU ErP Directive (CE)	