

Verwertungsauftrag IPK 7300/01/24-KM PacBio Sequel Ile – verbaute Server und Laser

1. bei den beiden im Sequel verbauten Servern handelt es sich um Modelle der Fa. Supermicro:

Model 1:

Manufacturer Supermicro

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Byte Order: Little Endian
CPU(s): 256
On-line CPU(s) list: 0-255
Thread(s) per core: 2
Core(s) per socket: 64
Socket(s): 2
NUMA node(s): 8
Vendor ID: AuthenticAMD
CPU family: 23
Model: 49
Model name: AMD EPYC 7742 64-Core Processor
Stepping: 0
CPU MHz: 1500.000
CPU max MHz: 2250.0000
CPU min MHz: 1500.0000
BogoMIPS: 4500.37
Virtualization: AMD-V
L1d cache: 32K
L1i cache: 32K
L2 cache: 512K
L3 cache: 16384K

Memory 16x 16384 MB ECC DIMM

Storage: 33TB in Raid config

Model 2:

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Byte Order: Little Endian
CPU(s): 96
On-line CPU(s) list: 0-95
Thread(s) per core: 2
Core(s) per socket: 24
Socket(s): 2
NUMA node(s): 2
Vendor ID: GenuineIntel
CPU family: 6
Model: 85
Model name: Intel(R) Xeon(R) Gold 6252 CPU @ 2.10GHz
Stepping: 7
CPU MHz: 1000.000
CPU max MHz: 2101.0000
CPU min MHz: 1000.0000
BogoMIPS: 4200.00

Virtualization: VT-x
L1d cache: 32K
L1i cache: 32K
L2 cache: 1024K
L3 cache: 36608K

Memory 16x 32Gb ECC DIMM

2. Die beiden Laser sind ein Modell vom Hersteller Coherent mit den folgenden Spezifikationen:

Manufacturer: Coherent Titan Laser

Laser low wavelength = 548.123

Laser high wavelength = 548.477

Laser type = Sapphire 300mW

Maximum adjustable output power = 330.000 Minimum adjustable output power = 10.000

Beide Laser haben mindestens 16000 Betriebsstunden geleistet.