



TruMicro Series 6000

Technical data



TruMicro 6020

TruMicro 6320

LASER PARAMETERS

| | | |
|--------------------------------|--|---------------------------------------|
| AVERAGE OUTPUT POWER | 200 W | 30 W |
| BEAM QUALITY (M ²) | < 1.3 , optional M ² < 1.2 | < 1.3 , optional M ² < 1.2 |
| WAVELENGTH | 1030 nm | 343 nm |
| PULSE DURATION | < 850 fs or < 5 ps | < 500 fs or < 850 fs |
| MAXIMUM PULSE ENERGY | 200 µJ for 1 MHz or 2 mJ with 100 kHz | 37.5 µJ @ 800 kHz |
| MAXIMUM REPETITION RATE | 50000 kHz QCW mode | 2000 kHz |

STRUCTURAL DESIGN

| | | |
|---------------------------------------|--------------------------|--------------------------|
| DIMENSIONS OF LASER HEAD (W X H X D) | 600 mm x 366 mm x 735 mm | 600 mm x 366 mm x 735 mm |
| DIMENSIONS OF SUPPLY UNIT (W X H X D) | 446 mm x 915 mm x 725 mm | 446 mm x 915 mm x 725 mm |

INSTALLATION

| | | |
|---------------------|---------------|---------------|
| AMBIENT TEMPERATURE | 15 °C - 35 °C | 15 °C - 35 °C |
|---------------------|---------------|---------------|

Subject to changes. The details in our offer and order confirmation are definitive.