



TruMicro Series 6000

Technical data



TruMicro 6020**TruMicro 6220****TruMicro 6320****LASER PARAMETERS**

AVERAGE OUTPUT POWER	200 W	100 W	30 W (< 500 fs) or 50 W (< 850 fs)
BEAM QUALITY (M ²)	< 1.3 , optional M ² < 1.2	< 1.3 , optional < 1.2	< 1.3 , optional < 1.2
WAVELENGTH	1030 nm	515 nm	343 nm
PULSE DURATION	< 850 fs or < 5 ps	< 850 fs	< 500 fs or < 850 fs
MAXIMUM PULSE ENERGY	200 µJ for 1 MHz or 2 mJ with 100 kHz	100 µJ at 1000 kHz	37.5 µJ at 800 kHz (30 W) 50 µJ at 1 MHz (50 W)
MAXIMUM REPETITION RATE	50000 kHz QCW mode	2000 kHz	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	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	446 mm x 915 mm x 725 mm

INSTALLATION

AMBIENT TEMPERATURE	15 °C - 35 °C	15 °C - 35 °C	15 °C - 35 °C
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Subject to changes. The details in our offer and order confirmation are definitive.