Table 1. Median values and 68% confidence interval for OGLE-TR-1096.

Parameter	Units	Values
Stellar Parameters:		
M_*	Mass ($M_\odot$)	$0.971^{+0.058}_{-0.11}$
R_*	Radius ($R_\odot$)	$3.52^{+0.12}_{-0.15}$
$R_{*,SED}$ ..	Radius[1] ($R_\odot$)	$3.74^{+0.19}_{-0.23}$
L_*	Luminosity ($L_\odot$)	$4.90^{+0.77}_{-0.51}$
F_{Bol}	Bolometric Flux (cgs)	$0.00000000001901^{+0.00000000000085}_{-0.0000000000013}$
ρ_*	Density (cgs)	$0.0313^{+0.0023}_{-0.0021}$
$\log g$	Surface gravity (cgs)	3.329 ± 0.023
$T_{\rm eff}$	Effective Temperature (K)	4560^{+210}_{-120}
$T_{\rm eff,SED}$ ..	Effective Temperature[1] (K)	4417^{+180}_{-85}
[Fe/H] ..	Metallicity (dex)	$0.07^{+0.34}_{-0.64}$
$[Fe/H]_0$.	Initial Metallicity[2]	$0.03^{+0.31}_{-0.61}$
Age	Age (Gyr)	$12.85^{+0.72}_{-1.4}$
EEP	Equal Evolutionary Phase[3]	$489.0^{+8.9}_{-2.9}$
A_V	V-band extinction (mag)	$1.433^{+0.068}_{-0.14}$
σ_{SED}	SED photometry error scaling	$4.5^{+7.5}_{-1.6}$
ϖ	Parallax (mas)	$0.347^{+0.019}_{-0.025}$
d	Distance (pc)	2880^{+220}_{-150}
Planetary Parameters:		b
P	Period (days)	$3.437753^{+0.000014}_{-0.000017}$
R_P	Radius (R_J)	$2.447^{+0.080}_{-0.090}$
M_P	Mass[4] (M_J)	$0.4087^{+0.0040}_{-0.0084}$
T_C	Time of conjunction[5] (BJD$_{\rm TDB}$)	$2455377.2232^{+0.0093}_{-0.0085}$
T_T	Time of minimum projected separation[6] (BJD$_{\rm TDB}$)	$2455377.2232^{+0.0093}_{-0.0085}$
T_0	Optimal conjunction Time[7] (BJD$_{\rm TDB}$)	2457123.6017 ± 0.0043
a	Semi-major axis (AU)	$0.04415^{+0.00086}_{-0.0018}$
i	Inclination (Degrees)	$88.5^{+1.1}_{-1.7}$
T_{eq}	Equilibrium temperature[8] (K)	1968^{+94}_{-56}
$\tau_{\rm circ}$	Tidal circularization timescale (Gyr)	$0.00290^{+0.00044}_{-0.00037}$
K	RV semi-amplitude[4] (m/s)	$55.8^{+4.5}_{-2.3}$
R_P/R_* ..	Radius of planet in stellar radii	0.0717 ± 0.0015
a/R_* ...	Semi-major axis in stellar radii	$2.694^{+0.064}_{-0.062}$
δ	$(R_P/R_*)^2$	0.00514 ± 0.00022
$\delta_{\rm I}$	Transit depth in I (fraction)	$0.00669^{+0.00031}_{-0.00034}$
$\delta_{\rm V}$	Transit depth in V (fraction)....................	$0.00819^{+0.00060}_{-0.00075}$
τ	Ingress/egress transit duration (days)	$0.03151^{+0.00099}_{-0.00091}$
T_{14}	Total transit duration (days)	0.446 ± 0.011

Table 1 *(continued)*

Parameter	Units	Values	
T_{FWHM} ..	FWHM transit duration (days)	$0.4142^{+0.0100}_{-0.0099}$	
b	Transit Impact parameter	$0.073^{+0.079}_{-0.052}$	
$\delta_{S,2.5\mu m}$..	Blackbody eclipse depth at $2.5\mu m$ (ppm)	735^{+66}_{-45}	
$\delta_{S,5.0\mu m}$..	Blackbody eclipse depth at $5.0\mu m$ (ppm)	1358^{+79}_{-62}	
$\delta_{S,7.5\mu m}$..	Blackbody eclipse depth at $7.5\mu m$ (ppm)	1623^{+82}_{-69}	
ρ_P	Density[4] (cgs)	$0.0344^{+0.0041}_{-0.0032}$	
$logg_P$ ...	Surface gravity[4]	$2.226^{+0.032}_{-0.028}$	
Θ	Safronov Number	$0.01507^{+0.0018}_{-0.00095}$	
$\langle F \rangle$	Incident Flux (10^9 erg s^{-1} cm^{-2})	$3.40^{+0.70}_{-0.37}$	
T_P	Time of Periastron (BJD$_{TDB}$)	$2455377.2232^{+0.0093}_{-0.0085}$	
T_S	Time of eclipse (BJD$_{TDB}$)	$2455375.5044^{+0.0093}_{-0.0085}$	
T_A	Time of Ascending Node (BJD$_{TDB}$)	$2455379.8015^{+0.0093}_{-0.0085}$	
T_D	Time of Descending Node (BJD$_{TDB}$)	$2455378.0827^{+0.0093}_{-0.0085}$	
V_c/V_e ...	....	1.00	
$M_P \sin i$.	Minimum mass[4] (M_J)	$0.4083^{+0.0040}_{-0.0084}$	
M_P/M_* .	Mass ratio[4]	$0.000400^{+0.000051}_{-0.000023}$	
d/R_* ...	Separation at mid transit	$2.694^{+0.064}_{-0.062}$	
P_T	A priori non-grazing transit prob	$0.3445^{+0.0084}_{-0.0082}$	
$P_{T,G}$	A priori transit prob	$0.3978^{+0.0092}_{-0.0091}$	
Wavelength Parameters:		I	V
u_1	linear limb-darkening coeff	$0.477^{+0.058}_{-0.079}$	$0.763^{+0.071}_{-0.13}$
u_2	quadratic limb-darkening coeff	$0.199^{+0.063}_{-0.054}$	$0.039^{+0.10}_{-0.065}$
Transit Parameters:		OGLE UT 2010-06-29 (I)	OGLE UT 2010-06-29 (V)
σ^2	Added Variance	$0.00004792^{+0.00000072}_{-0.00000070}$	$0.000074^{+0.000012}_{-0.000011}$
F_0	Baseline flux	$1.000591^{+0.000070}_{-0.000069}$	1.00128 ± 0.00074

See Table 3 in Eastman, J. et al., 2019, arXiv:1907.09480 for a detailed description of all parameters

[1] This value ignores the systematic error and is for reference only

[2] The metallicity of the star at birth

[3] Corresponds to static points in a star's evolutionary history. See §2 in Dotter, A., 2016, ApJS, 222, 8

[4] Uses measured radius and estimated mass from Chen, J., & Kipping, D. 2017, ApJ, 834, 17

[5] Time of conjunction is commonly reported as the "transit time"

[6] Time of minimum projected separation is a more correct "transit time"

[7] Optimal time of conjunction minimizes the covariance between T_C and Period

[8] Assumes no albedo and perfect redistribution