



## List of HD Graphics for Intel® Core™ Desktop Processors for i3

Click the link in the Processor Number column to find more features

Processor Number	Brand Modifier	Intel® Core™ Generation	# of Cores	Max Turbo Frequency (GHz)	Cache (MB)	Processor Base Power (previously Thermal Design Power (TDP)) (W)	Max Memory Size (dependent on memory type) GB	Memory Types	Supported Socket	Intel® Processor Graphics	Graphics Max Dynamic Frequency (GHz)	Max Resolution for HDMI, Max Resolution for DP, Max Resolution for (eDP - Integrated Flat Panel)
<a href="#">i3-13100</a>	i3	13th	4	4.50	12	60	128	Up to DDR5 4800 Up to DDR4 3200	LGA1700	UHD 730	1.50	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-13100F</a>	i3	13th	4	4.50	12	58	128	Up to DDR5 4800 Up to DDR4 3200	LGA1700	No*	N/A	N/A
<a href="#">i3-13100T</a>	i3	13th	4	4.20	12	35	128	Up to DDR5 4800 Up to DDR4 3200	LGA1700	UHD 730	1.50	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-12300</a>	i3	12th	4	4.40	12	60	128	Up to DDR5-4800, Up to DDR4-3200	LGA1700	UHD 730	1.45	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-12100</a>	i3	12th	4	4.30	12	60	128	Up to DDR5-4800, Up to DDR4-3200	LGA1700	UHD 730	1.40	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-12100F</a>	i3	12th	4	4.30	12	58	128	Up to DDR5-4800, Up to DDR4-3200	LGA1700	No*	N/A	N/A
<a href="#">i3-12300T</a>	i3	12th	4	4.20	12	35	128	Up to DDR5-4800, Up to DDR4-3200	LGA1700	UHD 730	1.45	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-12100T</a>	i3	12th	4	4.10	12	35	128	Up to DDR5-4800, Up to DDR4-3200	LGA1700	UHD 730	1.40	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz eDP: 5120 x 3200 @ 120Hz
<a href="#">i3-10325</a>	i3	10th	4	4.70	8	65	128	DDR4-2666	LGA1200	UHD 630	1.15	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10305T</a>	i3	10th	4	4.00	8	35	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10305</a>	i3	10th	4	4.50	8	65	128	DDR4-2666	LGA1200	UHD 630	1.15	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10105T</a>	i3	10th	4	3.90	6	35	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10105</a>	i3	10th	4	4.40	6	65	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10105F</a>	i3	10th	4	4.40	6	65	128	DDR4-2666	LGA1200	No*	N/A	N/A
<a href="#">i3-10100F</a>	i3	10th	4	4.30	6	65	128	DDR4-2666	LGA1200	No*	N/A	N/A
<a href="#">i3-10320</a>	i3	10th	4	4.60	8	65	128	DDR4-2666	LGA1200	UHD 630	1.15	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10300T</a>	i3	10th	4	3.90	8	35	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10300</a>	i3	10th	4	4.40	8	65	128	DDR4-2666	LGA1200	UHD 630	1.15	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10100T</a>	i3	10th	4	3.80	6	35	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-10100</a>	i3	10th	4	4.30	6	65	128	DDR4-2666	LGA1200	UHD 630	1.10	HDMI: 4096 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9350K</a>	i3	9th	4	4.60	8	91	64	DDR4-2400	LGA1151	UHD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz

<a href="#">i3-9320</a>	i3	9th	4	4.40	8	62	64	DDR4-2400	LGA1151	UHD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9300T</a>	i3	9th	4	3.80	8	35	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9300</a>	i3	9th	4	4.30	8	62	64	DDR4-2400	LGA1151	UHD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9100T</a>	i3	9th	4	3.70	6	35	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9100F</a>	i3	9th	4	4.20	6	65	64	DDR4-2400	LGA1151	No*	N/A	N/A
<a href="#">i3-9100</a>	i3	9th	4	4.20	6	65	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-9350KF</a>	i3	9th	4	4.60	8	91	64	DDR4-2400	LGA1151	No*	N/A	N/A
<a href="#">i3-8300T</a>	i3	8th	4	N/A	8	35	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-8300</a>	i3	8th	4	N/A	8	62	64	DDR4-2400	LGA1151	UHD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-8100T</a>	i3	8th	4	N/A	6	35	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-8350K</a>	i3	8th	4	N/A	8	91	64	DDR4-2400	LGA1151	UHD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-8100</a>	i3	8th	4	N/A	6	65	64	DDR4-2400	LGA1151	UHD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7350K</a>	i3	7th	2	N/A	4	60	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7320</a>	i3	7th	2	N/A	4	51	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7300T</a>	i3	7th	2	N/A	4	35	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7300</a>	i3	7th	2	N/A	4	51	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7101TE</a>	i3	7th	2	N/A	3	35	64	DDR3L-1600, DDR4-2400	LGA1151	HD 630	1.10	HDMI: 4096 x 2304 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7101E</a>	i3	7th	2	N/A	3	54	64	DDR3L-1600, DDR4-2400	LGA1151	HD 630	1.10	HDMI: 4096 x 2304 @ 30Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7100T</a>	i3	7th	2	N/A	3	35	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-7100</a>	i3	7th	2	N/A	3	51	64	DDR4-2133/2400, DDR3L-1333/1600	LGA1151	HD 630	1.10	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6098P</a>	i3	6th	2	N/A	3	54	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 510	1.05	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6320</a>	i3	6th	2	N/A	4	51	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 530	1.05	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6300T</a>	i3	6th	2	N/A	4	35	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 530	0.95	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6300</a>	i3	6th	2	N/A	4	51	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 530	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6100T</a>	i3	6th	2	N/A	3	35	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 530	0.95	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz
<a href="#">i3-6100</a>	i3	6th	2	N/A	3	51	64	DDR4-1866/2133, DDR3L-1333/1600	FCLGA1151	HD 530	1.05	HDMI: 4096 x 2304 @ 24Hz DP: 4096 x 2304 @ 60Hz eDP: 4096 x 2304 @ 60Hz

<a href="#">i3-4170</a>	i3	4th	2	N/A	3	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4170T</a>	i3	4th	2	N/A	3	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4370T</a>	i3	4th	2	N/A	4	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4160</a>	i3	4th	2	N/A	3	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4160T</a>	i3	4th	2	N/A	3	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4360T</a>	i3	4th	2	N/A	4	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4370</a>	i3	4th	2	N/A	4	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4150</a>	i3	4th	2	N/A	3	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4150T</a>	i3	4th	2	N/A	3	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4350</a>	i3	4th	2	N/A	4	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4350T</a>	i3	4th	2	N/A	4	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4360</a>	i3	4th	2	N/A	4	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4130</a>	i3	4th	2	N/A	3	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4130T</a>	i3	4th	2	N/A	3	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4400	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4330</a>	i3	4th	2	N/A	4	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4330T</a>	i3	4th	2	N/A	4	35	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz
<a href="#">i3-4340</a>	i3	4th	2	N/A	4	54	32	DDR3-1333/1600, DDR3L-1333/1600	LGA1150	HD 4600	1.15	HDMI: 4096 x 2304 @ 24Hz DP: 3840 x 2160 @ 60Hz eDP: 3840x 2160 @ 60Hz

\* Discrete Graphics Required