Flux AI Model-Variations and Encoder Cheat Sheet

Models (as of March 2025)				Encoder (as of March 2025)			Checkpoints	
Precision	GB	Steps	Rec. VRAM	VAE	T5	Clip L	Source	Download
Dev Safetensors								
FP16	24	20-30	24 GB	x	x	x	Black Forrest Labs	Repository
FP8	17	20-30	12 GB				Illyasviel	Download
NF4	12	20-30	6 GB				Illyasviel	Download
Dev Encoder								
VAE	0,3						Black Forrest Labs	Download
T5 Text-Encoder FP16	10		> 32 GB RAM				Illyasviel	Download
T5 Text-Encoder FP8	5		< 32 GB RAM				Illyasviel	Download
Clip_l Encoder	0,25						Illyasviel	Download
Dev GGUF								
Q8 (recommended)	13	20-30	24 GB	x	x	x	city96	Download
Q6	10	20-30	16 GB	x	x	x	city96	Download
Q5_1	9	20-30	12 GB	x	x	x	city96	Download
Q5_0	8	20-30	12 GB	x	x	x	city96	Download
Q5_K_S (recommended)	8	20-30	12 GB	x	x	x	city96	Download
Q4_1 (recommended)	8	20-30	< 10 GB	x	x	x	city96	Download
Q4_0 (recommended)	7	20-30	< 10 GB	x	x	x	city96	Download
Q4_K_S	7	20-30	< 10 GB	x	x	x	city96	Download
Q3	5	20-30	< 10 GB	x	x	x	city96	Download
Q2	4	20-30	< 10 GB	x	x	x	city96	Download
Schnell Safetensors								
FP16	24	1-4 (max. 8)	24 GB	Download	x	x	Black Forrest Labs	Download
FP8	12	1-4 (max. 8)	12 GB	Download	x	x	Kijai	Repository
NF4	12	1-4 (max. 8)	6 GB	Download	x	x	silveroxides	Download
Schnell GGUF								
Q8	13	1-4 (max. 8)	24 GB	Download	Download	x	city96	Download
Q6	10	1-4 (max. 8)	16 GB	Download	Download	x	city96	Download
Q5_1	9	1-4 (max. 8)	12 GB	Download	Download	x	city96	Download
Q5_0	8	1-4 (max. 8)	12 GB	Download	x	x	city96	Download
Q5_K_S (recommended)	8	1-4 (max. 8)	12 GB	Download	Download	x	city96	Download
Q4_1 (recommended)	8	1-4 (max. 8)	< 10 GB	Download	x	x	city96	Download
Q4_0 (recommended)	7	1-4 (max. 8)	< 10 GB	Download	x	x	city96	Download
Q4_K_S	7	1-4 (max. 8)	< 10 GB	Download	x	x	city96	Download
Q3	5	1-4 (max. 8)	< 10 GB	Download	x	x	city96	Download
Q2	4	1-4 (max. 8)	< 10 GB	Download	x	x	city96	Download