

,±,}lflvfVf‡f“,ÅftHfO fe□[fuf< fGf~f...fƎ□[fVf‡f“,ðflf“,Ü,½,Ílft,É□Ø,è'Ö,!,Ü,·□B

Direct3D ,lŽd—l,Å,í□ADirect3D fn□[fhfEfFA fAfNfZf%fƎ□[fVf‡f“,Éî‰ž,μ,½ffBfXfvfƎfC fAf_fvf^,Í□Afo□[fefbfNfX
ftfHfO,Ü,½,Ífe□[fuf< ftfHfO,!,¢,,ê,©,ðŽÀ□s,Å,«.,é,±,Æ,É,È,Á,Ä,¢,Ü,·□B`ê•".}fQ□[f€,Å,í□ADirect3D fn□[fhfEfFA,}□«"
,ð³Šm,ÉŠm"F,¹,,Éfe□[fuf< ftfHfO fTf|□[fg,ð—v<□,μ,Ü,·□B,±,}lflvfVf‡f“,ð'l'ð,.,é,Æ□A,±,}æ,²,ÈfQ□[f€,ª NVIDIA
fOf%ftfBfbfNfX fvf□fZfbfT,Å□³□í,É"®□ì,μ,Ü,·□B

,±,l̂fIvfVf‡f“,đ'đ,·,é,Æ□Afhf%ofo,ł□V,μ,¢ DirectX <@“,l̂-³Œø,É,È,è,Ü,·□B

ˆÈ‘O,łfo□[fWf‡f“,,l̂ DirectX ‘î%ž,łfQ□[f€,l'†,É,Í□Afhf%ofo,Å—LŒø,É,È,Á,Ä,¢,éCf“fXfg□[f<□İ,Ý,ł DirectX 6 ,“,æ,Ñ 7
,Å,Í□³□í,ÉŽÀ□s,Å,«,È,¢,à,łª, ,è,Ü,·□B,±,l̂fIvfVf‡f“,đ'đ,·,é,Æ□AŒÄ,¢fQ□[f€,đ□³□í,ÉŽÀ□s,Å,«,é,æ,ª,Éfhf%ofo,đDirectX 5
ŒÝŠ·f,□[fh,ÅŽÀ□s,μ,Ü,·□B

<N“@,μ,È,¢□A, ,é,¢,Í□³□í,ÉŽÀ□s,Å,«,È,¢ŒÄ,¢fQ□[f€,đŽÀ□s,·,é□ê□‡,Í□A,±,l̂fIvfVf‡f“,đ'đ,μ,Ä,,¾,³,¢□B

Z-f**o**f**b**f**t**f@,l["x,ðfAfvfŠfP["fVf‡f",^a—v<□,·,é["x,ÉŽ©"®"l,É'²□®,·,é,æ,ª,Éfn["fhfEfFfA,ð□Ý'è,μ,Ü,·□B

"Á'è,l Z-f**o**f**b**f**t**f@["x,ð•K—v,Æ,·,é□ê□‡,ð□œ,¢,Ä□A'Ê□í,l,±,lfvfVf‡f",ð—LŒø,É,μ,Ä,"«,Ü,·□B,±,lfvfVf‡f",ð—

³Œø,É,·,é,Æ□AZ-f**o**f**b**f**t**f@,l□ì<Æ["x,^aŒ»□Ý,lfn["fhfEfFfA□Ý'è,Æ^ê'v,μ,È,¢fAfvfŠfP["fVf‡f",l,·,x,Ä"®□ì,μ,È,,È,è,Ü,·□B

•Ê,ì["wfofbftf@•û-@,ð—LŒø,É,μ,Ü,·□B

fn□[fhfEfFfA,ª`Ù,Ê,éf□fJfjYf€,ðŽg—p,μ,Ä 16 frfbfg fAfvfŠfP□[fVf‡f“,Ä,ì["wfofbftf@,ð□s,ρ,±,Æ,ª,Ä,«,Ü,·□B,±,ì□Ý'è,ð
—LŒø,É,·,é,Æ□A,æ,è□,,¢•iŽç,Ä 3D fCf□□[fW,ìfŒf“f_Šf“fO,ð□s,ρ,±,Æ,ª,Ä,«,Ü,·□B

Direct3D Žg—pŽž,É NVIDIA, ĩf□fS,đ—LŒø,É,μ,Ü,·□B

,±, ĩ□Ý'è,đ—LŒø,É,·,é,Æ□ADirect3D fAfvfŠfP□[fVf‡f“, ĩŽĀ□sŽž,É□A%œ—Ê%°↵,É NVIDIA, ĩf□fS,ªŽ!³,ê,Ü,·□B

NVIDIA fOf%ftfBfbfNfX fvf□fZfbfT,í□Af~fbfvf}fbfv,ðŽ©“@“l,É□¶□¬,·,é,±,Æ,ÅfofXŒo—R,ìfefNfXf`ff“]‘—Œø—
!,ð□ã,°□AfAfvfŠfP□[fVf‡f“,ìfpftfH□{f}f“fX,ðŒü□ã,³,¹,é,±,Æ,ª,Å,«,Ü,·□B

,μ,©,μ^ê•“,ìfAfvfŠfP□[fVf‡f“,Å,í□Af~fbfvf}fbfv,ìŽ©“@□¶□¬,ª—LŒø,É,È,Å,Ä,¢,é,ÆfCf□□[fW,ª□³□í,É•Ž!,³,ê,È,¢,±,Æ,ª, ,è,Ü,·
□B,±,α,μ,½–â'è,ð%ðŒ^,·,é,É,í□AfCf□□[fW,ª□³□í,É•Ž!,³,ê,é□“l,Ü,Å□AZ©“@“l,É□¶□¬,³,ê,éf~fbfvf}fbfvfŒxf<,ð%°,°
,Ü,·□Bf~fbfvf}fbfv fŒxf<□“,ðŒ,ç,·,±,Æ,Å□A¹²,,ì□ê□‡□AfefNfXf`ff,ì,,ê,â□uŒp,¬–Ú□v,ð%ð□Å,Å,«,Ü,· (fpftfH□{f}
f“fX,í¹²□'á%°,μ,Ü,·)□B

fOf%oftfBfbfNfX fvf□fZfbfT,ÅŽg—p,.,éŽ©"®f~fbfvf}fbfsf"fO-@,ð'ð,Å,«,Ü,·□B

fOfCfŠfjfA-@,Ü,½,Í 8 f^fbfv^Ü•û□«-@,lf~fbfvf}fbfsf"fO-@,ð'ð,Å,«,Ü,·□BfOfCfŠfjfA-@,Å,í"ê"Ê"l,ÉfpftfH□[f}

f"fX,ªŒü□ã,μ□A`Ü•û□«-@,Å,ÍfCf□□[fW•iŽĸ,ªŒü□ã,μ,Ü,·□B

f~fbfvf}fbfv,ł LOD (Level of Detail) *f of Cf Af X,đ²@,Å,«,Ü,·* □B

f of Cf Af X,đ'á,□Ý'è,·é,Æf Cf □□[fW•iŽč,ªÆü□ā,μ□A f of Cf Af X,đ□,,□Ý'è,·é,Æf Af vf ŠfP□[fVf‡f",łfpftfH□[f}
f" fX,ªÆü□ā,μ,Ü,·□B□u□Å□,,łf Cf □□[fW•iŽč□v,©,ç□u□Å□,,łfpftfH□[f}f" fX□v,Ü,Å□A, ,ç,©,¶,ß□Ý'è,³,ê,½ 5
.Â,łf of Cf Af X'ł,©,ç'ł'đ,Å,«,Ü,· □B

•Ŭ¶,μ,½fJfXf^f€□Ý'è (,Ü,½,Í□uTweak□v) ,îê——□B^ê——,©,ç□€—Ú,ð'ð,·,é,Æ□A□Ý'è,ª—LŒø,É,È,è,Ü,·□B□Ý'è,ð“K—
p,³,¹,é,É,Í□A[OK] ,Ü,½,Í [“K—p] f{f^f“,ð'ð,μ,Ü,·□B

Œ»□Ý,ì□Ý'è ([Direct3D ,ì□Ú□×□Ý'è] f_fCfAf□fO f{fbfNfX,ì□Ý'è,àŠÜ,þ)
,ðfJfXf^f€□uTweak□v,Æ,μ,Ä•Ů'¶,μ,Ü,·□B•Ů'¶,³ê,½□Ý'è,ª—x,îê——,É'Ç%Á,³ê,Ü,·□B
“Á'è,ì Direct3D fQ□[f€,Å□Å"K,È□Ý'è,ªŒ©,Â,©,Á,½□ê□‡□A,»,ì□Ý'è,ðfJfXf^f€□Ý'è,ì□uTweak□v,Æ,μ,Ä•Ů'¶,μ,Ä,"„,Æ□AfQ□[f€
,ðŠJŽn,·,é'O,É,·,Î,â, Direct3D ,ª□Ý'è,Å,«,é,Î,Å□AŠeflfvfVf‡f“,ðŒÂ•Ê,É□Ý'è,·,éŽèŠÔ,ª□È,¯,Ü,·□B

fŠXfg,ÅŒ»□Ý'!ð,³,ê,Ä,¢,éJfXf^f€□Ý'è,δ□í□œ,μ,Ü,-□B

,·,x,Ä,İ□Ý'è,ð□%Šú□Ý'è!,É-ß,μ,Ü,·□B

Direct3D ,l'Ç%Á□Ý'è,ðfJfXf^f}fCfY,Å,«,éf_fCfAf□fO f{fbfNfX,ð•Ž!,μ,Ü,·□B

,±,l̂lfvfVf‡f“,Å□AfefNfZf<(fefNfXf`ff fGfƎf□f“fg) —p,l̂fn□[fhfEfFfA fefNfXf`ff,l̂”z’u□Ý’è,đ•i□X,μ,Ü,·□B
±,ê,ç,l̂l,đ•i□X,·,é,±,Æ,Å□AƎ³,l̂fefNfZf<,ª`è<`³,ê,½□ê□Š,ª•l̂,i,è,Ü,·□B□%Šú□Ý’è,í□ADirect3D,l̂Žd—I,É□],Á,Ä,¢
Ü,·□Bf\ftfgfEfFfA,l̂†,É,l̂□AƎ³,l̂fefNfZf<,đ,¢,,ê,©,l̂□ê□Š,É’è<`,·,é,±,Æ,đ—v<□,·,é,à,l̂,à,è,Ü,·□B,±
ê,ç,l̂fAfvfŠfP□[fVf‡f“,Å,í□AƎ³,l̂fefNfZf<,đ□Ä’è<`,·,é,±
,Æ,ÅfCf□□[fW•iŽč,ªƎü□ă,μ,Ü,·□B²□@,Â,Ü,Ý,đŽg,Á,Ä□AƎ³,l̂fefNfZf<,l̂□ê□Š,đfefNfZf<,l̂□¶□ă<÷,©,ç’†□S,l̂ŠŎ,Å²□@,μ,Ä,-
,¾,³,¢□B

,±,ê,É,æ,è□A(ffBfXfvfœfC fAf_fvf^,É"◊Ú,³ê,½f□f,fŠ,É%Á,,Ä) fefNfXf`ff◊L%—p,ÉŽw'è,³ê,½—e—Ê,Ü,ÄfVfXfef€
f□f,fŠ,ð—~—p,Ä,«,é,æ,ø,ÉfOf%ftfBfbfNfX fvf□fZfbfT,ì□Y'è,δ□s,ø,±,Æ,ª,Ä,«,Ü,◊B

f□f,: fefNfXf`ff◊L%—p,ÉŽg—p,Ä,«,éfVfXfef€ f□f,fŠ,ì□Ä'ä—e—Ê,Í□AfRf"fsf...□[f^,É"◊Ú,³ê,½•'—□ RAM ,ì—e—
Ê,ð,à,Æ,É,μ,ÄŽZ□o,³ê,Ü,◊BfVfXfef€ RAM ,ì—e—Ê,a'□%Á,·,é,Æ□A□Y'è,Ä,«,é'l,à'ä,«,È,è,Ü,◊B

,±,ì□Y'è,í□APCI fffBfXfvfœfC fAf_fvf^ (, ,é,¢,Í PCI œYŠ·f,□[fh,ÄŽÀ□s't,ìAGP fffBfXfvfœfC fAf_fvf^),¾,_,É"K—
p,³,ê,Ü,◊B

,±,ḷf l f v f V f ‡ f",đ' l' đ,·,é,Æ □ AVSYNC ,^{a-3}Œø,É,È,è,Ü,· □ B

f,f j f ^,ḷ□,'¼ f Š f g f Œ □ [f X, ḷ " Š ú, đ' Ò, ½, , É □ A f C f □ □ [f W, đ, ·, î, â, % æ – Ê, É f Œ f " f _ f Š f " f O, Å, «, Ü, · □ B, ±
,ḷf l f v f V f ‡ f",É,æ,è □ A f t f Œ □ [f € f Œ □ [f g, đ % æ – Ê, ḷ f Š f t f Œ f b f V f ... f Œ □ [f g, æ, è ' â, «, -
□ Ý ' è, Å, «, Ü, ·, ^a □ A f C f □ □ [f W • i Ž Ć, ^{a-1} È, î, ê, é, Ì, Å □ A • Ž Ĭ, É % e Ć, ^a □ o, ½, è • Ž Ĭ, ḷ ' ^a □ Ø, ê, é, ±, Æ, ^a , è, Ü, · □ B

,±,lflfvfVf‡f",É,æ,è□A"Á'è,ì D3D fAfvfŠfP□[fVf‡f",ĀŽg—p,·,éfAf"f`fGfCfŠfAfX,ì—Ê,ðŒ`è,μ,Ü,·□B
fAf"f`fGfCfŠfAfX,Æ,í□A3D flfuFWfFfNfg,ì%□,ÉŽž□ÜŒ©,ç,ê,é□uŠK'i□ó□v,ìfGftfFfNfg,ð□Ā□—ŒÀ,É—}
,,é<Z□p,Ā,·□BfAf"f`fGfCfŠfAfX,ì—Ê,í□AŠ®'S,Èflft,©,çfAfvfŠfP□[fVf‡f",ĀŽÀ□s,Ā,«□Ā'â—Ê,Ü,Ā'I'ð,Ā,«,Ü,·□B

,±,ìfìfvfVf‡f“,í□AfAf“f`fGfCfŠfAfX,ð'¼□ÚfTf|□[fg,μ,Ä,¢,È,¢fAfvfŠfP□[fVf‡f“,ÅfAf“f`fGfCfŠfAfX,ð<□S“l,ÉŽg—
p,.,é,½,ß,ì,â,ì,Ä,·□B

,±,ìfìfvfVf‡f“,ìŽg—p,É,í□\•ª□^Ó,μ,Ä,,¾,¾,¢□BfAf“f`fGfCfŠfAfX,ð-¾Šm,ÉfTf|□[fg,μ,Ä,¢
,È,¢^ê•“,ìfAfvfŠfP□[fVf‡f“,Å,í□AfCf□□[fW,ª³□í,É•Ž!,¾ê,È,¢□ê□‡,â•s<K¥,ÈfCf□□[fW,ª•Ž!,¾ê,é□ê□‡,ª,è,Ü,·□BfAf“f`fG
fCfŠfAfX,ðfTf|□[fg,μ,Ä,¢,È,¢fQ□[f€,âfAfvfŠfP□[fVf‡f“,Å•Ž!□ă,ì-â'è,ª"□¶,μ,½□ê□‡,í□A,±,ìfìfvfVf‡f“,ðfìft,É,μ,Ä,-
,¾,¾,¢□B

,±,lflfvfVf‡f",É,æ,è□AfOf%ftfBfbfNfX f`fbfv,Â□^—□,³,ê,é'O,É CPU ,ª€"ð,·,éftfŒ□[f€,l□",ð□SŒÀ,μ,Ü,· (VSYNC ,ª-
³Œø,É,È,Á,Ä,¢,é□ê□‡)□B

,,ç,©,¶,ßfŒf"f_Œf"ŒfO,³ê,éftfŒ□[f€,l□",ª½,-
,È,é,Æ□AfWf‡fCfXfefBfbfN□AfQ□[f€fpfbfh□AfL□[f{□[fh,È,Ç,lfffofCfX,Ö,l"½%ž,É,·,é□u"ü—Íf%fo□v,ª',È,é□ê□‡,ª,
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fQ□[f€'†,É□AfRf"fsf...□[f^,É□Ú'±,³,ê,Ä,¢,é"ü—ÍfffofCfX,©,ç,l"ü—Í,ÉŒ',·,é"½%ž,ª-¾,ç,©,É'x,¢□ê□‡,Í□A,±,l'l,ð□-,³,μ,Ä,-
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f h f % f C f o , Å OpenGL Š g ' E < @ " \ , \ GL_KTX_buffer_region , đ Ž g , ! , é , æ , ¢ , É , μ , Ü , · □ B

, ± , \ Š g ' E < @ " \ , đ f T f | □ [f g , · , é 3 D f , f f f Š f " f O f A f v f Š f P □ [f V f ‡ f " , \ f p f t f H □ [f } f " f X , đ Ě ü □ ā , ³ , ! , é , ± , Æ , ª , Å , « , Ü , · □ B

GL_KTX_buffer_region Šg'£<@"\,ª—LŒø,É,È,Á,Ä,¢,é,Æ,«,É□Af□□[fJf<,l)frfffl f□f,fŠ,lŽg—p,ð%Â"\,É,µ,Ü,·□B
,½,¾,µ□AŽg—p%Â"\,Èf□□[fJf< frfffl f□f,fŠ,ª 8 MB —¢—ž,l□ê□‡,Í□Afff...fAf< fyfCf"Šg'£<@"\fTf|□[fg,Í—
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□, '¬fŠj fA-f~fbfvf}fbfv-fŠj fA ft fB f<f^fŠf“fO,δ—LŒø,É,·,é,Æ□A fC f□□[fW•iŽč,δ'½□-
'á%°,³,¹,ÄfAfvfŠfP□[fVf‡f“, ÌfpftfH□[f}f“fX,δŒü□ā,³,¹,é,±,Æ,ª,Å,«,Ü,·□B

'Ê□í,Í□A,» ,ê, Ù,ÇfCf□□[fW•iŽč,ªá%°,·,é,±,Æ,Í, ,è,Ü,¹,ñ,Ì,Å□A,±,Ì<@“\,δ—LŒø,É,µ,ÄfpftfH□[f}f“fX,ÌŒü□ā,ð□},Á,Ä,,¾,³,¢□B

,±,l̇f|fvfVf‡f“,đŽg,ϣ,Æ□AfCf□□[fW•iŽŁ,đŒü□ă,³,¹,é,½,ß,l̇û•û□«ftfBf<f^fŠf“fO,đ OpenGL ,ĂŽg—p,Ă,«,«,Ü,·□B

,±,ì|f|fvfVf‡f“,ð'ì'ð,·,é,Æ□A“Á'è,ì CPU ,ÅŽg—p,·,éŠg'E—½—ß,Éî,·,éfhf%o fCfo fTf|□[fg,^a—³Æø,É,È,è,Ü,·□B
^ê•“,ì CPU ,Å,í□ANVIDIA fOf%oftfBfbfNfX fvf□fZfbfT,ð•â□•,μ,Ä 3D fQ□[f€,&AfvfŠfP□[fVf‡f“,ìfpftfH□[f}
f“fX,ðÆü□ã,³,¹,é'Ç%oÁ 3D —½—ß,ðfTf|□[fg,μ,Ä,¢,Ü,·□B,±,ì|f|fvfVf‡f“,É,æ,è□Afhf%o fCfo,Ä,ì,±,ê,ç,ì'Ç%oÁ 3D —½—ß,ìfTf|
□[fg,ð—³Æø,É,Ä,«,Ü,·□BfpftfH□[f}f“fX,ð“äŠr,·,é□ê□‡,âfg%ofuf<fVf...□[fefBf“fO,ð□s,□□ê□‡,É•Ö—,Èf|fvfVf‡f“,Ä,·□B

,±,l̂lfvfVf‡f",É,æ,è□AOpenGL

fhf%oCfo,Éî%ž,μ,½□ižžfAf"f`fGfCfŠfAfX,ðfRf"fgrf□□[f<,μ,Ü,·□BfAf"f`fGfCfŠfAfX,Æ,í□AfIfufWfFfNfg,l%□,ÉŽž□

ÜŒ©,ç,ê,é,¬,¬',μ,½□uŠK'i□ó□v,l̂fGftfFfNfg,ð—},i,Ä—ÖŠs,ðŠŠ,ç,©,É,·,é<Z□p,Å,·□B1.5 x 1.5 –

@,l̂fAf"f`fGfCfŠfAfX,Å,l̂fpftfH□[f}f"X,ð—D□æ,μ□A2 x 2 –@,Å,l̂fCf□□[fW•ižč,ð—D□æ,μ,Ü,·□B

f hf%o f C f o, Å f X f e f C f l f s f N f Z f < f t f H [f } f b f g, ð f G f N f X f | [f g, Å, «, é, æ, ¢, É, µ, Ü, · □ B, » , ì C < % Ê □ A Open GL
f A f v f Š f P □ [f V f ‡ f “, Å f X f e f C f l • Ž !, ¢ — L C ø, É, È, è □ A f X f e f C f l f V f f f b f ^ □ [f O f % o f X, ð Ž g — p, ·, é, ±, Æ, ¢, Å, «, Ü, · □ B

fhf%oCfo,ÅfI□[fo□[fŒfC fsfNfZf< ftfH□[f}fbfg,ðfGfNfXf|□[fg,Å,«,é,æ,ɑ,É,μ,Ü,·□BOpenGL
fAfvfŠfP□[fVf‡f“,ÅfI□[fo□[fŒfC,ðŽg—p,Å,«,é,æ,ɑ,É,È,è,Ü,·□B

,±,̀|f|fVfVf‡f“,đ'!đ,·,é,Æ□AOpenGL,ÉfCf□□[fW•iŽč,đŒü□ă,³¹,é,½,ß,î~Û•û□«ftfBf<f^fŠf“fO,đŽg—p,Å,«,Û,·□B,±,̀|<@“\,đ—
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,±,ł@™,ǎŽg—p,·,é,Æ□A•;□",łfEfBf"fhfEf,ǎŽg—p,·,é OpenGL fAfvfŠfP□[fVf±f",łpf tfH□[f}f"fX,aÆü□ă,μ,Ü,·□B

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Œ»□Ý,ì□Ý'è,ðfJfXf^f€□Ý'è,ì□uTweak□v,Æ,μ,Ä•Ů•¶,μ,Ü,·□B•Ů•¶,μ,½□Ý'è,Í—×,è,ìfJfXf^f€□Ý'èfŠfXfg,É'Ç%Á,³ê,Ü,·□B
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¾,é,³,âfKf“f}!l,ð□ã,°,ê,ÎⓂA•Ž!,^–¾,é,,È,èfvfƎfC,μ,â,·,,È,è,Û,·ⓂB

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f □ f,,: f R f “ f s f ... □ [f ^,º f l f b f g f □ □ [f N □ ã,Â “ ® □ i,µ,Ä,¢,é □ ê □ ‡ □ A f J f % □ [² □ ®,³,ê,é,̀l, l Windows ,É f □ f O f l f “,µ,½ Œ ã,Â,· □ B

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Œ»□Ý,lfJf%□[□Ýè,ðfJfXf^f€□Ýè,Æ,μ,Ä•Ô*¶,μ,Ü,·□B•Ô*¶,³ê,½□Ýè,a—x,lfŠfXfg,É'Ç%Á,³ê,Ü,·□B

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GTF (General Timing Formula) ,í□A□V,μ,çfn□[fhfEfFfA,ì'â•“^a,ÄŽg—p,³è,Ä,ç,é<KŠi,Ä,·□B

DMT (Discrete Monitor Timings) ,í□A^ê•“,ìfn□[fhfEfFfA,ÄŽg—p,³è,Ä,ç,éŒÄ,ç<KŠi,Ä,·□B,²Žg—p,ìf,fjff^,Ä DMT
,^aŽw'è,³è,Ä,ç,é□ê□‡,í□A,±,ìfIfvfVf‡f“,ð—LŒø,É,μ,Ä,,¾,³,ç□B

[NVIDIA QuickTweak] fAfCfRf“,ð Windows f^fXfNfo□[.É•Ž!,μ,Ü,·□B

,±,ìfAfCfRf“,ðŽg—p,·,é,Æ□A•Ö—~,Èf|fbfvfAfbfv f□fj f...□[.©,çfJfXf^f€ Direct3D□AOpenGL□AfJf%□[□Y'è,ð,·,Î,â,"K—
p,Å,«,Ü,·□B,Ü,½□A,±,ìf□fj f...□[.É,Í□%Šú□Y'è,É–ß,·,½,ß,ì□€–Ú,â [‰æ–Ê,ìfvf□fpfefB] f_fCfAf□fO
f{fbfNfX,ÉfAfNfZfX,·,é,½,ß,ì□€–Ú,àŠÜ,Ü,è,Ä,¢,Ü,·□B

Windows *f^XfNfo* Å QuickTweak *f†* *[fefBfŠfefB,Æ,μ,Ä•Ž!*,*éAfCfRf“*,*đ'!đ,Å,«*,*Ü*,*•* B

•*Ž!*,*³*,*1*,*½*,*¢fAfCfRf“*,*đfŠfXfg*,*©*,*ç'!đ,μ,Ä,*,*¾*,*³*,*¢* B[OK] ,*Ü*,*½*,*Í* ["K—p] ,*đ'!đ,μ* *Af^XfNfo* *[,lAfCfRf“*,*đ* X V,*μ,Ü*,*•* B

NVIDIA Desktop Manager ,^a—LŒø,É,È,è,Ü,·□B

NVIDIA Desktop Manager ,đŽg—p,·,·,é,Æ□AnView f}f<f` f,fjff^□Ý'è,lŽg—pŽž,É□AfEfBf"fhfEŠÇ—□fzfbfvg
fL□[□Af_fCfAf□fO f{fbfNfX,l}ŠfZf"f^fŠf"fO□AfY□[f€,È,Ç,lŠg'E<@"\,đŽg—p,Å,«,·,·,·□B,Ü,½□ADesktop Manager ,đŽg—
p,·,·,é,Æ□A•i□",lffXfNfvgfbfv,^afTf|□[fg,³ê,é,½,ß□AfAfvfŠfP□[fVf‡f" f□□[fNfXfy□[fX,l□@—□,É—đ—S,¿,Ü,·□B

[NVIDIA Desktop Manager □Ý'è] f_fCfAf□fO f{fbfNfX,aŠJ,«,Ü,·□B

[Desktop Manager □Y'è] f_ fCfAf□fO f{f{bfNfX.Ä,□Af_ fCfAf□fO f{f{bfNfX,lfSfZf"^^fSf" fO flfvfVf#f",âfzfbfq
fL□,l'i'ð□AfAfvfSfP□[fvf#f"SC—□,□Y'è.È,Ç□A.,x,Ä,l Desktop Manager ,l@%,Æ□Y'è,ð□SCfÄ.ä,Ü.,□B

[□Ú□×fvf□fpfefB] f_CfAf□fO f{fbfNfX,Å [Í,ϕ] ,Ü,½,Í [“K—p] ,δ'δ,μ,Ä•ĩ□X,δ“K—p,·,é,½,ß,É□A,±,ìf_CfAf□fO
f{fbfNfX,δ•Â,¶,Ä•ĩ□X,δ•Ü'¶,μ,Ü,·□B

$f^XfNfo\left[fA fCfRf^{\prime \prime },\partial fNf\check{S}fbfN,\mu ,\frac{1}{2},\mathbb{E},\ll ,\acute{E}\square A,\mathfrak{C},\mathcal{Z},\mathfrak{C},\mathfrak{l}\}fEfX\ f\{f^{\wedge }f^{\prime \prime },\mathring{A}f\square f\}f\ldots \square [\mathfrak{d}^{\wedge }\mathfrak{Z},^3\mathfrak{l},\acute{e},\odot \mathfrak{l}^{\circ }\mathfrak{d},\mathring{A},\ll ,\mathring{U},\cdot \square B$

Šm" Ff□fbfZ□[fW, ð'Ž/"/ñ•Ž', ð' ð, μ, Ü, · □B

f^fXfNfo□[f□fj f ...□[.©,ç 3D □Ý'è,ðf□□[fh,μ,½,Æ,«,ÉŠm" Ff□fbfZ□[fW,ð'Ž',³,¹,È,¢,æ,²,É,·,é,É,Í□A,±
, ðf ðf v f V f ‡ f", ðf`f F f b f N, μ, Ä,,¾,³,¢□B

$f^XfNfo[f\ldots[{\mathfrak{d}}\,3D\bullet\check{Z}_i^{\frac{3}{4}},\frac{1}{2},\P\hat{e}\ddagger,\acute{A},\pm,\grave{A}f\vee f\vee f\ddagger f^{\text{“}},\delta^{\text{‘}}\delta,\mu,\ddot{U},\cdot B$

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ffBfXfvfœfC□ã,ÉfCf□□[fW,ð•Ž!,³,¹,é`Ê'u,ðœ`è,μ,Ü,·□B

-ĩó{f^f“,đŽg,Á,Ä□Af,fj f^□ã,ìffXfNfgfbfv,ìÊ'u,đ²□@,μ,Ü,·□B

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(f,j)f^□AfffWf^f< ftf%fbfg fpf|f<□AfefƎfr,È,Ç□j ,đ'!đ,Ā,«,«,Ü,·□B

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TV □o—f,ÀŒ»□ÝŽg—p,³ê,Ä,¢,éŒ`Ž@,Æ'n^æ,l□Ý'è,ðŽ!,μ,Ü,·□B

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,é□ê□‡,É□A<N“®'†,É•Ž!,'³,ê,é,.,x,Ä,l%œ–Êf□bfZ□[fW,ªfefƎfr,ªfTf|□[fg,.,éƎ`Ž®,Ä•Ž!,'³,ê,Ü,.□B

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□Ý'èfy□[fW,Å,í□AfAfvfŠfP□[fVf‡f“²,Æ,É□A•i□",ìffBfXfvfƆfC,âffXfNfgfbfvŠÔ,Å,ìfAfvfŠfP□[fVf‡f“
fEfBf“fhfE,ì•ŽìÊ'u,ðŠÇ—□,Å,«,Ü,·□B

,±,ê,Í Desktop Manager ,ÅŒ»□ÝŠÇ—□,³,ê,Ä,¢
,éfAfvfŠfP□[fVf‡f“,\fŠfXfg,Å,·□BfŠfXfg,©,çfAfvfŠfP□[fVf‡f“,ð'I'ð,μ□AfAfvfŠfP□[fVf‡f“ŠÇ—
□□Ý'è,ð□Ý'è,μ,Ü,·□BfŠfXfg,l•Ò□W,í□A‰E'α,É, ,é [‘Ç‰Á] f{f^f“,Æ [□í□œ] f{f^f“,ðŽg,Á,Ä□s,¢,Ü,·□B

,±,̀f{f^",ðfNfŠfbfN,.,é,Æ□ADesktop Manager ,ÂŠÇ—□,³,é,fAfvfŠfP□[fVf‡f“,̀fŠfXfg,É□V,μ,¢fAfvfŠfP□[fVf‡f“
fvf□fOf%œf€,ªÇ%œÁ,³,ê,Ü,·□B

,±,ł{f^",ðfNfŠfbfN,.,é,Æ□ADesktop Manager ,ÅŠÇ—□,³,ê,éfAfvfŠfP□[fVf‡f“,łfŠXfg,©,ç□ACE»□Ý'!ð,³,ê,Ä,¢
,éfAfvfŠfP□[fVf‡f“,ªí□œ,³,ê,Ü,·□B

,±,ł{f^",đ%Ÿ,μ,Ä□AfAvfŠfP□[fVf‡f" fŠfXfg,ł,.,x,Ä,łfGf"fghŠ,đfNfŠfA,μ,Ü,·□B

Æx□□: fGf"fghŠ,đ,.,x,ÄfNfŠfA,.,é,Æ□AfAvfŠfP□[fVf‡f",É'Î,.,éJfXf^f})fCfY"à—e,Í,.,x,ÄfŠfZfbfg,³,ê,Ü,·□B

,±,łfłfvfVf‡f“,đ'đ,·é,Æ□AfAvfŠfP□[fVf‡f“ fEfBf“fhfE,ª□í,ÉŽw'è,μ,½ffBfXfvfƆfC,Å«N“®,·,é,æ,ª,É,È,Ü,·□B

[,±,]fAfvfŠfP[fVf‡f“,đ□í,ÉŽŸ,ì%œ–Ê“Ô□†,ì%œ–Ê,Â<N“®,,.é] flfvfVf‡f“,ªI'đ,³ê,Ä,¢,é□ê□‡□ACE»□ÝI'đ,³ê,Ä,¢
,éfAfvfŠfP[fVf‡f“,ª□í,É<N“®,,.éftfBfXfvfƐfC (f,fj f^),đ,±,]ftfB[f<fh,ĂŽw'è,µ,Ü,.□B

,±,lflvfVf‡f",đ'!đ,·,é,Æ□ADesktop Manager ,É,æ,Á,ÄfAfvfŠfP□[fVf‡f"
fEfBf"fhfE,lTfCfY,Æ`Ê'u,ªL%¯,³,ê,Ü,·□BŽŸ,ÉfAfvfŠfP□[fVf‡f",đ<N"®,·,é,Æ□ADesktop Manager ,É,æ,è<L%¯,³,ê,Ä,¢
,½fTfCfY,Æ`Ê'u,ÄfAfvfŠfP□[fVf‡f" fEfBf"fhfE,ªŽ!,³,ê,Ü,·□B

,±,lflvfVf‡f“,đŽg—p,·,é,Æ□AfAvfŠfP□[fVf‡f“
fEfBf“fhfE,đ□Å‘â%»,.·,é□Û,É□A•i□“,lffBfXfvfƎfC,É,Û,½,^a,éffXfNfgfbfv‘Sì,Å□Å‘â%»,.·,é,l,Å,í,È,-
□A,»,lEfBf“fhfE,^aƎ»□Ý•\Ž!,³,ê,Ä,ƒ,é%»æ—Ê,ì,Ý,Å□Å‘â%»»,Å,«,Û,·□B

,±,łfłfvfVf‡f“,đ'!đ,·é,Æ□A,±,łfAfvfŠfP□[fVf‡f“,đ•Ê,ł–¼'O,łfAfvfŠfP□[fVf‡f“ fffXfNfgfbfv,Â<N“®,Â,«,Ü,·□B
—á,ł,ł□A□%Šú□Ý'è,ł Windows fffXfNfgfbfv,ł¼,É□AWeb fuf%fEfU—p,â“dŽqf□□[f<—
p,ł•Ê,łffXfNfgfbfv,đ□ì□¬,Â,«,Ü,·□B

,±,±,É•Ê,\\fAfvfŠfP□[fVf‡f“ fffXfNfgfbfv,\\-¼'O,ð“ü—Í,μ,Ü,·□B,Ü,½□Afhf□fbfvf_fEf“
f{f^f“,δŽg,Á,Ä□A•Ê,\\fAfvfŠfP□[fVf‡f“—p,ÉŠù,É□ì□¬,μ,Ä, ,éffXfNfgfbfv,©,ç'I'ð,·,é,±,Æ,à,Å,«„Ü,·□B
,±,\\ftfB□[f<fh,Í□A[,±,\\fAfvfŠfP□[fVf‡f“,ð•Ê,\\ffXfNfgfbfv,Å<N“@,·,é] flfvfVf‡f“,ð'I'ð,μ,Ä,¢,é□ê□‡,\\,ÝŽg—p,Å,«„Ü,·□B

[fzfzbfz fL[] fy[] [fW,Ä,í[]AfffXfNfgfbfv,Ö,)fAfvfŠfP[] [fVf÷f“ fEfBf“fhfE,)z'u,δŠÇ—[],.,é,½,β,ì[]ufzfzbfz
fL[] [v,ì'g,Ý[]±,í,¹,δfJfXf^f}fCfY,Ä,«,Ü,.[]B

,±,lfL□[,l'g,Ý□‡,í,¹,δ%Ÿ,.,Æ□ACE»□ÝfAfNfefBfu,È (fJ□[f\fc,l, ,é) fEfBf“fhfE,δ•Ê,l,f,fjff^,l“¬,¶Ê`u,É`Ú“®,Å,«,Ü,·□B

,±,łfL□[,ł'g,Ý□±,í,í,δ%Ÿ,.,Æ□ACE»□ÝfAfNfefBfu,ÈfAfvfŠfP□[fVf‡f“,ª\Ž!,³,ê,Ä,¢
,éffBfXfvfƎfC,ł,.,×,Ä,łEfBf“fhfE,ð□A•Ê,łffBfXfvfƎfC,É`Ú“®,Ä,«,Ü,·□B

,±,lfL□[,`g,Ý□‡,í,¹,ð%Ÿ,.,Æ□A,.,x,Ä,lfAfvfŠfP□[fVf‡f“ fEfBf“fhfE,ðf}fEfX f|fCf“f^,ª, ,éffBfXfvfEfC,Ö`Ú“®,Å,«,Ü,·□B

•i□",l̂fAfvfŠfP□[fVf†f" fffXfNfgfbfv,đfAfNfefBfu,É,μ,Ä,¢,é□ê□†,í□A,±
l̂fL□[,l̂g,Ÿ□†,í,†,đ%Ÿ,μ,Ä□A"C^Ó,l̂ffXfNfgfbfv,©,ç•Ê,l̂ffXfNfgfbfv,Ö□Ø,è'Ö,l̂é,±,Æ,^aÂ,«,Ü,·□B,±,l̂fL□[,đ±
,¯,Ä%Ÿ,·,Æ□AfAfNfefBfu,ÊfAfvfŠfP□[fVf†f" fffXfNfgfbfv,l̂fŠfXfg,đ□zŠÂ,μ,Ü,·□B

[fOf□□[fof<□Ý`è] fy□[fW,É,í□ADesktop Manager ,Æ□ADesktop Manager ,É,æ,é,·,x,Ä,lfAvfŠfP□[fVf#f“,lŠÇ—
□,ÉfOf□□[fof<É"K—p,³,ê,élfvfVf#f“,ª\Ž,³,ê,Ü,·□B

fAfvfŠfP□[fVf‡f“,δ□ufffXfNfgfbfv’Sì□v,Å□Å’â%»,-,é,Æ□AfffXfNfgfbfv,a•i□“,lf,fjff^,É,Ü,½,a,Á,Ä,¢
,é□ê□‡,à□A,»,lffXfNfgfbfv’Sì,É□L,°,Ä□Å’â%»,,³,ê,Ü,-□B

fAfvfŠfP□[fVf‡f“,δ□uÆ»□Ý,l%æ-Ê□v,Å□Å’â%»,-,é,Æ□A□%Šú□Ýè,Å,í□AfAfvfŠfP□[fVf‡f“,aÆ»□Ý•Ž!,³,ê,Ä,¢,é%æ-
Ê,ì,Ý,Å□Å’â%»,,³,ê,Ü,-□B

,±,ì<@“\,ð—LÆø,É,.,é,Æ□A,.,x,Ä,ìfAfvfŠfP□[fVf±f“,ìfgfbfvfÆfxf< fEfBf“fhfE,ÅfAfNfZfX,Å,«éVfXfef€ f□fjf...□[É
[NVIDIA Desktop Manager] fTfu f□fjf...□[“ü,³ê,Ü,·□B,±,ìfTfu f□fjf...□[ðŽg—p,.,ê,î□ADesktop Manager ,ìfRf“fgf□□[f<
fpfIf<,ðŠJ,,±,Æ,È,□A[fAfvfŠfP□[fVf±f“ŠÇ—□] <@“\,É“□,ŠÈ‘P,ÉfAfNfZfX,Å,«Ü,·□B
fAfvfŠfP□[fVf±f“ fEfBf“fhfE,ìfVfXfef€ f□fjf...□[í□AfEfBf“fhfE→¼ (f^fCf gf< fo□D)
□ă,Å%EfNfŠfbfN,.,é,©□AfEfBf“fhfE→¼,ì□¶[É, ,é□¬,³ÈfAfvfŠfP□[fVf±f“ fAfCfRf“,ðfNfŠfbfN,.,é,Æ•Ž,³ê,Ü,·□B

,±,l|f|vfVf‡f“,đ'đ,·,é,Æ□ADesktop Manager ,Â□A1 ,Â,l%œ–Ê,ÊŽŮ,Ü,é,æ,ρ,Éf|fbfvfAfbfv
fEfBf“fhfE,îÊ“u,đ’²□@,μ,Ä□Afgfbfv fCef×f<,l|f|fbfvfAfbfv fEfBf“fhfE,ªŠg’å•Ž!,³,ê,½,è□A2 ‘ä (,Ü,½,l,»,ê“È□ä)
,l,f,jf^,É,Ü,½,a,Á,Ä•Ž!,³,ê,é,l,đ–h,®,±,Æ,a,Â,«,Ü,·□B

,±,łfłfvfVf‡f",đ'đ,·é,Æ□AfVfXfef€.,·,x,Ä,łfłfbfvfAfbfv fEfBf"fhfE,ª□A□í,ÉŽw'è,μ,½%œ–Ê,ł'†%>,É•Ž!,³ê,Ü,·□B

f|fbfvfAfbfv fEfBf“fhfE,ð'†%»‚É•Ž|‚‚éƒ‚fj^‚ð'ð‚μ‚Ü‚‚□B‚±‚)ftfB□[f<fh‚í□A[fVfXfef€“à‚‚‚‚x‚Ä‚)f|fbfvfAfbfv
fEfBf“fhfE‚ðŽŸ‚l%»æ–Ê“Ô□†‚l%»æ–Ê‚l'†%»‚É•Ž|‚‚é] f{f^f“‚ð'ð‚μ‚Ä‚¢‚éê□†‚‚‚ŸŽg—p‚Ä‚«‚Ü‚‚□B

,±,łfłfvfVf‡f",đ'đ,·é,Æ□A•ı□",łf,fj f^É,Ü,½,^a,Ä,Ä•Ž!³,ê,éfVfXfef€,^l,·,x,Ä,łfłfbfvfAfbfv fEfBf"fhfE,đ□Af}fEfX
fJ□[f\ f<,ł, ,éffBfXfvfƐfC (f†□[fU□[^aƐ©,Ä,¢,é%oÂ"□«,^a□,,¢) ,ł†%o>,É•Ž!^l,μ,Ü,·□B

,±,łfłvfVf‡f“,đ'đ,·,é,Æ□AfAvfŠfP□[fVf‡f“ f|fbfvfAfbfv
fEfBf“fhfE,đ□A,»,łfAvfŠfP□[fVf‡f“,łEfBf“fhfE,Æ““„ŀ%œ–Ê,É•Ž,μ,Ü,·□Bf|fbfvfAfbfv fEfBf“fhfE,ª,à,ª 1
'à,łf,fj^□ā,É□u,ł,Ý□o,μ,Ā□v•Ž!,³ê,é,Æ□ADesktop Manager ,Ê,æ,Á,ĀfAvfŠfP□[fVf‡f“ fEfBf“fhfE,ł%œ–Ê,ÉŽû,Ü,é,æ,ª,Éf|
fbfvfAfbfv fEfBf“fhfE,ª^Ú“@,³ê,Ü,·□B

,±,ł{f^",đ%Ÿ,.,Æ□ADesktop Manager ,łfftHf<fg,łfOf□□[fof<Ÿ'è,Æfzfbfg fL□[^a•œƐ³,ê,Ü,.-□B

f□f,: ,±,ł'€□i,í□A[fAfvfŠfP□[fVf‡f"ŠÇ—□] fy□[fW,Å□Ÿ'è,μ,½fAfvfŠfP□[fVf‡f",?,Æ,łfJfXf^f)fCfY"à—
e,É,í%e<ç,μ,Ü,¹,ñ□B

Desktop Manager ,É'î,μ,Ä□s,Á,½•İ□X,ðŽó,¬“ü,ê,Ä"K—p,μ,Ä,©,ç□A[fRf“fgf□□[f< fpflf<} fEfBf“fhfE,ð•Â,¶,é,É,í□A[OK]
f{f^f“,ð%Ÿ,μ,Ü,·□B

□s,Á,½•İ□X,ð•Û'¶,Ü,½,Í"K—p,¹,,É Desktop Manager ,ì [fRf"fgf□□[f< fpflf<] fEfBf"fhfE,ð•Â,¶,é,É,Í□A[fLff"fZf<]
f{f^f",ð%Ÿ,µ,Û,·□B

⊕Ex□□: □Ý'è,ÉÍ',,é•İ□X"à—e,Í,·,x,Ä–³⊕ø,Æ,È,è,Û,·□B

□Ý'è•ī□X,ð:,x,Ä"K—p,μ,Ä•Ů"¶,μ□ADesktop Manager ,ì [fRf"f g f□□[f< f p f l f<] f E f B f"f h f E,ðŠJ,¢,½,Ü,Ü,É,,é,É,í□A["K—p]
f{f^f",ð%Ÿ,μ,Ü,·□B

,±,İf_CfAf□fO,Å□ADesktop Manager ,ÅŞÇ—□,·,é□V,µ,¢fAfvfŞfP□[fVf‡f“,đ'İđ,Å,«,Ü,·□B

,±,ê,íffXfNfgfbfv,ÂĖ»□ÝŽĀ□s,³ê,Ä,¢,éAfvfŠfP□[fVf‡f“ fvf□fOf%of€,ìfŠfXfg,Å,·□B,±
,ê,íffXfNfgfbfv,ÂĖ»□ÝŽĀ□s,³ê,Ä,¢,éAfvfŠfP□[fVf‡f“ fvf□fOf%of€,ìfŠfXfg,Å,·□B,±
,ìfŠfXfg,©,çfAfvfŠfP□[fVf‡f“,ð'ì'ð,·,é,©□A[ŽQ□Æ] f{f^f“,ð‰Ÿ,μ,ÂĖ»□ÝŽĀ□s,³ê,Ä,¢
,È,¢•Ê,ìfAfvfŠfP□[fVf‡f“,ðŽw'è,μ,Ü,·□B

,±,ì{f^",ðfNfŠfbfN,μ,Äftf@fCf< f_CfAf□fO,ðŠJ,,Æ Desktop Manager ,ÅŠÇ—□,·,é"C^Ó,ì Windows
fAfvfŠfP□[fVf‡f",ð'ìð,Å,«,Ü,·□B

'I'δ,μ,½fvf□fOf%of€ ftf@fCf<,δ□ADesktop Manager ,É,æ,Á,ÄŠÇ—
□,³,ê,é□V,μ,¢fAvfŠfP□[fVf‡f",Æ,μ,Ä□³"F,·,é□ê□‡,Í□A,±,ìf{f^f",ðfNfŠfbfN,μ,Ü,·□B

,±,±,ÅfAfvfŠfP□[fVf‡f“ fvf□fOf%f€,ð'!ð,μ,È,¢□ê□‡,Í□A,±,ìf{f^f“,ð%Ÿ,μ,Ü,·□B[□V,μ,¢fAfvfŠfP□[fVf‡f“] f_fCfAf□fO
f{fbfNfX,Í□A□Ý'è,ð•ï□X,¹,,É•Â,¶,Ü,·□B

,±,ìf_fCfAf□fO,Å,í□A□V,μ,¢fAfvfŠfP□[fVf‡f“ fffXfNfgfbfv,ì-¼‘O,đ“ü—í,Å,«,Ü,·□B

□V,μ,ϕfAfvfŠfP□[fVf‡f“ fffXfNfgfbfv,ì–¼'O,đ“ü—Í,μ,Ä,,¾,¾,ϕ□B•Ê,ìfAfvfŠfP□[fVf‡f“—p,ÉŽw'è,μ,½ffXfNfgfbfv–
¼,©,ç'l'đ,·,é,±,Æ,à,Ä,«,Ü,·□B
,½,Æ,,î□AWeb fuf%ofEfU—p,É,Í□uWeb□v□AE f□□[f< fvf□fOf%of€—p,É,Í □uMail□v,È,Ç,ì–
¼'O,đffXfNfgfbfv,ÉŽw'è,μ,Ü,·□BDesktop Manager ,ì□ufzfbfg fL□[□v<@“\,đŽg—p,μ,Ä□A,±,ê,ç,ì,¾,´,Ü,ÈfAfvfŠfP□[fVf‡f“
ffXfNfgfbfv,đfXf€□[fY,É□Ø,è'Ö,!,é,±,Æ,ª,Ä,«,Ü,·□B

[OK] f{f^f",đfNfŠfbfN,μ,Ä□AfffXfNfgfbfv,ł□V,μ,¢—¼'O,đŠm'è,μ,Ü,·□B—LŒø,È—¼'O,đ"ü—Í,μ,È,¢,Æ [OK]
f{f^f",ÍfNfŠfbfN,Å,«,Ü,¹,ñ□B

,±,±,ÅffXfNfgfbfv-¼,ð"ü—Í,μ,È,¢□ê□‡,Í□A[fLff" fZf◁] f{f^f",ðfNfŠfbfN,μ,Ü,·□B

,±,l)fL□[,l'g,Y□‡,í,¹,δ%Ÿ,.,Æ□Af})fEfX fJ□[f\ƒ<,l'Ê'u,É'•ûƐ`,ªfAfj)f□□[fVf‡f"Ɛ`Ž®,ÂŽû'©,μ,Ä,c,,l,Â□AfJ□[f\ƒ<,δƐ©,Â,¯,â,·,-
,È,è,Ü,·□B

,±,ìfIvfVf‡f",ð—LÆø,É,.é,Æ□AfEfBf"fhfE,ðf}fEfX,Åfhf%bfO,μ,Ä~Ú"®,.,é,Æ,«,É□AfEfBf"fhfE,ð"C^Ó,ì%æ—
Ê,â•Ê,ì%æ—Ê,ì[,ÉŠ@'S,É□‡,í,¹,ç,ê,Ü,.□B

,±,ê,ç,lfvfVf‡f",íA^fXfNfo[âf^fXfNØ,èÖ,;fEfBf“fhfE,ì“®i,È,ÇAWindows fNf%fcfAf“fg
fZfbfVf‡f“,lf†[fU[fCf“f^ftfF[fX—vf,ð•iX,.,é,à,ì,Â,.B

,±,lfvfVf‡f",đ'đ,·,é,Æ□A'ă'Ö,lf^XfN□Ø,è'Ö,lfEfBf"fhfE,ª—LÆø,É,È,è,Ü,·□B,±,lfEfBf"fhfE,Í nView ,lÆ»□Ý,ì□Ý'è,É□]
,Á,Ä%œ—Ê,ì'†%»,É•Ž!,³ê□A^Ù,È,éffXfNfgfbfv□ã,lfAvfŠfP□[fVf‡f",ì□Ø,è'Ö,δ%Â",É,μ,Ü,·□B
f^XfN□Ø,è'Ö,lfEfBf"fhfE,Í Alt+Tab fL□[,δ%Ÿ,·,Æ—LÆø,É,È,è,Ü,·□B

,±,łfłfvfVf‡f“,đ'đ,·é,Æ□Af^fXfN□Ø,è'Ö,„fEfBf“fhfE,í□í,ÉŽwè,³ê,½f,fjff^□ã,É•Ž!,³ê,Ü,·□B

f[^]*XfN*□Ø,è'Ö,|*fEfBf*"*fhfE*,đ•Ž!,·*éf,fj**f*[^],đ'*đ*,μ,Ü,·□*B*'*đ*,Å,«*éf,fj**f*[^],[Ĉ»□*ÝfAfNfefBfu*,È*f*,*fj**f*[^],],*Ý*,Å,·□*B*

,±,̀f|fVfVf‡f",ð'ð,·é,Æ□Af^fXfNfo□[,ð 1 ,Â,̀f,fj f^,ÉŒÂ`è,Â,«,Ü,·□B,Â,Ü,è□Af^fXfNfo□[·a·i□",̀f,fj f^,É,Ü,½,a,Á,Ä·Ź|,³,è,È,¢
,æ,σ,É,μ,·□B

,±,ê,ç,ìf|fvfVf‡f“,É,æ,è□ADesktop Manager ,ªf□fbfZ□[fW f{fbfNfX f_CfAf□fO,âfAfvfŠfP□[fVf‡f“
f_CfAf□fO,ðŠÜ,Ɔf|fbfvfAfbfv fEfBf“fhfE,ìÊ`u,â"z'u,ðŠÇ—□,·,é•û-@,ªŒ^,Ü,è,Ü,·□B

,±,l̂f|fvfVf‡f",đ'đ,·,é,Æ□AfY□[f€<@",^a—LŒø,É,È,è,Ü,·□BfY□[f€<@",í□Af})fEfX fJ□[f\fc<^au,©,ê,½%œ—Ê—
îæ,îŠg'â•Ž!,đ^ê•û,lf, fjf^,É•Ž!,μ,Ü,·□BŠg'â•Ž!,í□Af})fEfX fJ□[f\fc<^au,©,ê,Ä,¢,éf, fjf^,Æ,í•Ê,lf, fjf^,É•Ž!,³ê,Ü,·□Bf})fEfX
fJ□[f\fc<,đ•Ê,lf, fjf^,É"®,©,·,Æ□AfY□[f€•Ž!,àŽ©"®"l,É^¼4,lf, fjf^,É□Ø,èÖ,í,è,Ü,·□B
fY□[f€<@",í□A•i□",lf, fjf^,^a□Ú[±],³ê□A□...•½,Ü,½,Í□,'¼fXfpf“ f,□[fh,^al'đ,³ê,Ä,¢,é,Æ,«,ì,Ý<@",μ,Ü,·□B

,±,̣f|fvfVf‡f",δ—LŒø,É,.,é,Æ□AftfBf<f^,É,©,¯,ç,ê,½ ("†ŠÔ'l,δ")“ü,μ,½) "{—|,ÂŠg'â,³,ê,Ü,·□B

ˆÈ%°,lƒzƒbƒgƒL□,í□AƒY□[ƒ€<@“,l□SƒĖä,ÉŽg—p,μ,Ü,·□B[ƒzƒbƒgƒL□□ƒ^ƒu,lƒzƒbƒgƒL□[,Æ“—
l,É□AƒtƒB□[ƒ<ƒh,ðƒNƒŠƒbƒN,μ,Ä,©,çŠó–],·,éƒL□[,l'g,Ý□‡,í,¹,ð%Ÿ,μ,ÄƒzƒbƒgƒL□[ð□Ý'è,μ,Ü,·□B

ƒ□ƒ,·: [ƒY□[ƒ€] ,Ü,½,í [ƒzƒbƒgƒL□□ƒy□[ƒW,ªŠJ,¢,Ä,¢,éŠÔ,í□AƒzƒbƒgƒL□[,l→ƒĖø,É,È,è,Ü,·□B,±,ê,ÍŠù*¶,lƒzƒbƒg
ƒL□[ª□V,μ,¢ƒzƒbƒgƒL□[,l'è<`,ð–W,°,È,¢,æ,ª,É,·,é,½,ß,Å,·□B

,±\fzfbfgfL□[,í□AfY□[f€<@™\)flf",Æflft,δ□Ø,è'Ö,ü,·□B

,±,łfzfbfgfL□[,í□AfY□[f€•łŽ!,ł"(-!,ðå,«,„,μ,Ü,·□B

,±,łfzfbfgfL□[,í□AfY□[f€•łŽ!,ł"(-!,đ□¬,³,,μ,Ü,·□B

,±,łpf%ff□□[f^,í□Af}fEfX,a"®,¢,Ä,¢,È,¢,Æ,«,ÉfY□[f€•Ž!,đ 1 •bŠÔ,É%½%ñ□X□V,·,é,©,ďŽw`è,μ,Ü,·□B(f)fEfX,a"®,¢,Ä,¢
,é,Æ,«,ífY□[f€•Ž!,íŽ©"®"i,É□X□V,³,ê,Ü,·□B) ,±,ì□"Žš,đ'ă,«,,,·,é,Æ□AfVfXfef€,âfAfvfŠfP□[fVf‡f",ì□«",É%e<¿,đ—
^!,é□ê□‡,ª, ,è,Ü,·,ì,Â'□^Ó,μ,Ä,,¾,³,¢□B

,±,lfpf%ff[[f^,íAfy[[f€•Ž!,đ 1 ,Â,lf,fjff^,©,ç•Ê,lf,fjff^,É□Ø,è'Ö,!,é□Ů,!'x%„ŽžŠÔ,đf~fŠ•b'P^Ê,Âžw'è,·,é,à,!,Â,·□B,±,!'x%„ŽžŠÔ,íAfy[[f€•Ž!,^a, ,éf,fjff^□ă,Éf}fEfX,^aŽžŠÔ'u,©,ê,½□ê□‡,É□Afy[[f€•Ž!,^af,fjff^ŠÔ,đ□u"ò,Ň%ň,é□v,!,đ–h,®,½,ß,!,à,!,Â,·□B,±,lfpf%ff[[f^,đf[f□,É□Ý'è,μ,Ä□A'x%„ŽžŠÔ,đ,È,,·,±,Æ,ă,Â,«„Ü,·□B

,±,l)fIffvVff‡f",đ'!đ,·,é,Æ□ACtrl□AAIt□AShift ,l,¢,,ê,©,l)fL□[,l'g,Ý□‡,í,¹,đ%Ÿ,μ,È,^a,çf})fEfX fzfC□[f<,đ%ñ,·,±,
,Æ,Ä□AfY□[f€•Ž!,l}"{—l,đ'¹/₄□Ú•ï□X,Ä,«,Ü,·□B

f}fEfX fz fC[f<,đŽg,Á,½fY[f€•Ž!,l}"{—!•iX,đ—LŒø,É,·,é CtrlAAAltAShift ,l fL[,l'g,Ý±,í,¹,đ'¹đ,μ,Ü,·B

[fzfzbfzfL[] fy[] [fW,Ä,í[]AfffXfNfgfbfv,Ö,ìfAfvfŠfP[] [fVf†f“ fEfBf“fhfE,ì”z’u,ðŠÇ—[],.,é,½,ß,ì[]ufzfzbfzfL[] [v,ì’g,Ý[]‡,í,¹,ðfJfXf^f}fCfY,Ä,«,Ü,·[]B

f[]f,∴ [fY[] [f€] ,Ü,½,í [fzfzbfzfL[]] fy[] [fW,ªŠJ,¢,Ä,¢,éŠÔ,í[]AfzfzbfzfL[] [,Í→Æø,É,È,è,Ü,·[]B,±,ê,ÍŠù*¶,ìfzfzbfzfL[] [ª[]V,µ,¢fzfzbfzfL[] [,ì’è<’,ð–W,°,È,¢,æ,ª,É,.,é,½,ß,Å,·[]B

3D fAfvfŠfP□[fVf‡f“,ÅfAf“f`fGfCfŠfAfX,a-³Œø,É,È,è,Ü,·□B

fAfvfŠfP□[fVf‡f“,Å□Å□,,lfpftfH□[f}f“fX,a•K—v,È□ê□‡,Í□A,±,lflfvfVf‡f“,đ'l'đ,μ,Ä,,¾,³,¢□B

fAf“f`fGfCfŠfAfX,^a 2x f,□[fh,Å—LŒø,É,È,è,Ü,·□B

3D fAfvfŠfP□[fVf‡f“,ìfCf□□[fW•iŽ¿,ÆfpftfH□[f}f“fX,^aŒü□ã,μ,Ü,·□B

,±,ìlfVfVf‡f“,ð‘l’ð,.,é,Æ□AGeForce3 GPU ftf@f~fŠ□[,ĂŽg—p%oÂ“\,È“Á←Žæ“%4□İ,YfAf“f`fGfCfŠfAfX<Z□p,ª—
LŒø,É,È,è,Ü,·□B

Quincunx fAf“f`fGfCfŠfAfX,ðŽg—p,.,é,Æ□A□^—□,ª¬,¢ 2 "{AA f,□[fh,É•C“G,.,éfpftfH□[f}f“fX,Ă□A□^—□,ì'x,¢ 4 "{AA
f,□[fh,ì•iŽ¿,ðŽACE»,Ă,«,Ü,·□B

fAf“f`fGfCfŠfAfX,ª 4x f,□[fh,Å—LÆø,É,È,è,Ü,·□B

3D fAfvfŠfP□[fVf‡f“,lfpfth□[f}f“fX,Í¼□'á%º,μ,Ü,·,ª□A□Å□,,lfCf□□[fW•iŽč,ďŽÀÆ»,Å,«,Ü,·□B

,±,ìfIfvVf‡f",ð'I'ð,·,é,Æ□A4 "{□A9 f^fbfv (Gaussian) f,□[fh,ðŽg—p,μ,½fAf"f`fGfCfŠfAfX,a%Â"\,É,È,è,Ü,·□B
3D fAfvfŠfP□[fVf‡f",ìfpftfH□[f}f"fX,í'½□'á%°,μ,Ü,·,ª□A□Å□,,ìfCf□□[fW•iŽ¿,ðŽÀŒ»,Å,«,Ü,·□B

,±,ìlfvfVf‡f“,ð'!ð,·,é,Æ□A6 "{f,□[fh,ðŽg—p,μ,½fAf“f`fGfCfŠfAfX,ª%Â“,É,È,è,Ü,·□B

3D fAfvfŠfP□[fVf‡f“,ìpftfH□[f}f“fX,ì'½□'á%°,μ,Ü,·,ª□A4 "{f,□[fh,æ,è□,.,¢fCf□□[fW•iŽ¿,ðŽÀŒ»,Å,«,Ü,·□B

f□f,: ,±,ì□Ý'è,Í Direct3D fAfvfŠfP□[fVf‡f“,É,ì,Ý“K—p,³,è,Ü,·□BOpenGL fAfvfŠfP□[fVf‡f“,ðŽÀ□s,μ,½□ê□#□AOpenGL
,íŽŸ,ÉŽg—p,Å,«,éfAf“f`fGfCfŠfAfX□Ý'è (6 "{□Ý'è,ìŽŸ,ÉŒŸ□o,³,è,½fIfvfVf‡f“□Ý'è) ,ðŽg—p,μ,Ü,·□B

,±,̀l|fVfVf‡f“,đ'đ,·é,Æ□AfAf“f`fGfCfŠfAfX,đfTf|□[fg,·é 3D
fAfvfŠfP□[fVf‡f“,É□Å“K,ÈfAf“f`fGfCfŠfAfX□Ý`è,ªŽ©“®“l,É—LŒø,É,È,è,Ü,·□B

,±,ḷfIvfVf‡f“,É,æ,è□A3D fAfvfŠfP□[fVf‡f“,ḷŽÀ□sŽž,ÉŽg—p,.,éAf“f`fGfCfŠfAfX f,□[fh,đŽè“®,Ā'!đ,Ā,«,Ü,·□B

fRf“fsf...□[f^,)CE»□Ý,) AGP □Ý'è,ÉŠÖ,.,é□î•ñ,Â,·□B

,±,lflvfVf‡f",Ā□AfOf%ftfBfbfNfX fTfufVfXfef€;ĀŽg—p,·é AGP fŒ□[fg,đŽè"®,Ā'!đ,Ā,«,Ü,·□B,Ç,) AGP fŒ□[fg,đŽg—
p,·,é,x,«,©•ª,©,ç,È,¢□ê□‡,í□A,±,l)f`fFfbfNf{fbfNfX,íf`fFfbfN,μ,È,¢,Ā,,¾,¾,¢□BfVfXfef€,É,æ,è□A□Ā"K,È AGP
fŒ□[fg,ªŽ©"®"l,ÉŒ^è,¾,ê,Ü,·□B

fXf% Cf_ fRf"fgf□□[f<,đ"Ú"@,.,é,Æ□AfOf%ftfBfbfNfX fTfuVfXfef€,ÅŽg—p,.,é AGP fÆ□[fg,đŽè"@,Å'!đ,Å,«,Ü,·□B

f h f % o f C f o , a f V f X f e f € f □ f , f Š , © , ç Š , , è “ – , Ä , ç , ê , ½ f r f f f l f □ f , f Š , đ Š Ç — □ , . , é • ů – @ , đ ' l ' đ , Å , « , Ü , . □ B

Œ»Ÿ,łftfŒ[f€ fofbftf@ f,Ÿ[fh,Ăžw'è,³,ê,½•û-@,ÆŸ‡,í,¹,Ăžg—p,³,ê,éfvfXfef€ fŸf,fŠ,ł—e—Ê,đŽw'è,Ă,«,Ü,·ŸB

,±,łf|vfVf‡f“,đ'đ,·,é,Æ□A["@“ł] ftfĚ□[f€ fofbftf@ f,□[fh,đŽg—p,μ,½,Æ,«,łftfĚ□[f€ fofbftf@ f□f,fŠ,łŠÇ—□•û—
@,đŽwè,Ā,«,Ü,·□B

NVIDIA PowerMizer ,đŽg—p,·,é,Æ□A,“Žg,¢,} GPU ,l“d—(□Á”i,đ’²□@,Â,«,Ü,·.□B[□Â’âpf□□[fZ□[fu]
□Ý’è,đ’l’đ,μ,ÄfofbfefŠ□[đ□ß—ñ,·,é,©□A[□Â’âpfpfH□[f}f“fX] ,đ’l’đ,μ,Ä,“Žg,¢,} GPU ,Â□Â’â,lfof%oftfbfbfNfX fpfH□[f}
f“fX,đ”¾,é,©□A,Ç,¿,ç,©,đ,”l,Ñ,,¾,¾,¢□B

,±,lflvfVf‡f“,ð'!ð,·,é,Æ□A•i□“,l□o—í,ðŽ□,ÂffBfXfvfƎfC fAf_fvf^,ª□A2 ,Â,ì“Æ—S,μ,½ffBfXfvfƎfC fAf_fvf^,Æ,μ,Ä
Windows %æ—Ê,É•Ž,³,ê,Ü,·□B•i□“,l□o—í,ðŽ□,ÂfAf_fvf^,É□Ú±,³,ê,½ffBfXfvfƎfC
ffofCfX,²,Æ,É□A`Ù,È,é%ð'œ"x,â□F□“,ð'!ð,Â,«,é,æ,ª,É,È,è,Ü,·□B

2 'ä,ìffBfXfvfCfC,ð 1 ,Ä,ì GPU/f□f, fŠ,Ä•Š,,μ,Ä□Y'è, ,é,Æ□A•Ž!□Y'è,ì'è•",ªŽg—p,Ä,«,È,,é□ê□‡,ª, ,è,Ü,·□BWindows ,ì [%œ—
Ê,ìfvf□fpfefB] f_fCfAf□fO f{fbfNfX,Ä•Ž!,³ê,éf,□[fh,í□AfVf" fOf< ftfBfXfvfCfC□□¬,ìffBfXfvfCfC fAf_fvf^,Ä□—
□, ,é,±,Æ,ð'Ō'ñ,Æ,μ,Ä,¢,Ü,·□BfAf_fvf^,ìŠf\□[fX,ð 2 'ä,ìffBfXfvfCfC,Ä«—L,μ,Ä,¢,é□ê□‡,í□A,¢
,,è,©,ìffBfXfvfCfC,Ä□,%%ð'œ"x f,□[fh,ì'è•",ªŽg—p,Ä,«,È,,é,è,Ü,·□B,±,ì□ê□‡,í□AfffBfXfvfCfC fAf_fvf^,Ä□³□í,É□—
□,Ä,«,éffBfXfvfCfC f,□[fh,ì'g,Y□‡,í,¹,ð,¢,è,¢,èŽŽ,μ,Ä□A,»,ìf,□[fh,ð'ì'ð,μ,Ä,,¾,³,¢□B

±,lf{f^f",δfNfŠfbfN,·é,Æ□AOpenGL,lfXfefƎfl,;æ,Ñfi□[fo□[fƎfC,ì□Ú□×□Ý'è,δfJfXf^f}fCfY,Å,«,Ü,·□B,±
.lf{f^f",l□Afpflf<,ì□Å□%,lfŠfXfg f{fbfNfX,Å [4 "{fofbftf@ fXfefƎfl API] flfvfVf‡f",ð—LƎø,É,μ,Ä,¢,é□ê□‡,l,ÝŽg—
p,Å,«,Ü,·□B

OpenGL ,ÄfI□[fo□[fŒfC,ð—LŒø,É,μ,Ü,·□B`ê•",ìfAfvfŠfP□[fVf‡f“ (Softimage3D ,È,Ç) ,í□Afi□[fo□[fŒfC–Ê,ð•K—
v,Æ,μ,Ü,·□Bfi□[fo□[fŒfC–Ê,í□A•W□€fJf%□[(RGB) fofbftf@.É`Ç%Á,·,éfpfŒfbfg–Ê,Æ,μ,ÄŽg—
p,³,ê,Ü,·□Bfi□[fo□[fŒfC,í□A3D fCf□□[fWŽ©`ì,Æ,í–³SÖŒW,É□d,È,è□‡,Á,Ä•Ž!,³,ê,é—ì`æ□A,^½,Æ,ì,îf□fjf...
□[.âfJ□[f\fc,È,Ç,ð•Ž!,·,é□ê□‡,É“Á,É•Ö—“,Ä,·□Bfi□[fo□[fŒfC,í□A16 frfbfg,“,æ,Ñ 32 frfbfg fJf%□[f,□[fh,ÄfTf|
□[fg,³,ê,Ü,·□B

f□f,: OpenGL ,ìfXfefŒfi,Æfi□[fo□[fŒfC,í□A“~Žž.ÉŽg—p,Ä,«„Ü,¹,ñ□Bfi□[fo□[fŒfC,ðŽg—p,·,é,É,í□Afi“f{□[fh
fOf%ftfBfbfNfX f□f,fŠ,ð‘□□Y,·,é•K—v,^a,,è,Ü,·□B,Ü,^½□A%ð‘œ“x,É,æ,Ä,Ä,íŽg—p,Ä,«„È,¢□ê□‡,^a,,è,Ü,·□Bfi□[fo□[fŒfC<@“\
,ðŽg—p,Ä,«„È,¢□ê□‡,í□A%ð‘œ“x,â□F□“,ð%⁰,°, ,Ä,^¾,³,¢□B

OpenGL ,ÄfXfefŒfi,ð—LŒø,É,μ,Ü,·□BfVfffbf^[fOf%oX,â.»),¼,}fn□[fhfEfFfA,ðŽg,Á,ÄfXfefŒfi
fAfvfŠfP□[fVf±f“,ðŽÀ□s,.,é,½,B,É□ANVIDIA fhf%oCfo,í□AOpenGL fXfefŒfi fsfNfZf< ftfH□[f}fbfg,ðfGfNfXf|
□[fg,μ,Äf□f,fŠ,ð□SŒä,μ□AfxfefŒfiŽ<“_“,æ,N’P`êŽ<“_fAfvfŠfP□[fVf±f“,ð“ŽŽ,ÉŽg—p,Ä,«é,æ,ø,É,μ,Ü,·□B

f□f,; ,±,}fIfvVf±f“,í•K—v,É□ê□±,}Ÿ—LŒø,É,μ,Ä,¾,³,¢`ê•“,}fAfvfŠfP□[fVf±f“,íXfefŒfi ftfH□[f}
fbfg,ðŽ©“®“l,É’l’ð,μ,Ü,.,ª□AfxfvfŠfP□[fVf±f“,l’t,É,}fXfefŒfi fsfNfZf< ftfH□[f}fbfg,Ä□³í,É“®□ì,μ,É,¢,à,ì,à, ,è,Ü,·□B

f□f,; OpenGL ,}fXfefŒfi,Æfi□[fo□[fŒfC,í□A“ŽŽ,ÉŽg—p,Ä,«Ü,¹,ñ□BfxfefŒfi•Ž!,ðŽg—p,.,é,É,í□Afi f“f□[fh
fOf%oftfBfbfNfX f□f,fŠ,ð’□□Y,.,é•K—v,ª, ,è,Ü,·□B,Ü,½□A%ð’œ“x,É,æ,Ä,Ä,ÍŽg—
p,Ä,«É,¢□ê□±,ª, ,è,Ü,·□BfxfefŒfi,Ä•Ž!,Ä,«É,¢□ê□±,í□A%ð’œ“x,â□F□“,ð%°°,° ,Ä,¾,³,¢□B

NVIDIA fhf%fcfo,íA,³Ü,´Ü,ÈfXfefÆfi fn□[fhfEfFfA,ðfTf|□[fg,μ,Ä,¢,Ü,·□B□%Šú□Ý`è,ìfXfefÆfi fn□[fhfEfFfA`ÈŠO,ðŽg
—p,·,é□ê□‡,l□AfŠfXfg f{fbfNfX,©,çffBfXfvfÆfC f,□[fh,ð'i'ð,μ,Ä,,¾,³,¢□B

±,l̇fI fvfVf‡f“,í□AELSA 3D REVELATOR™ ,Ü,½,íŒÝŠ·fAf_fvf^,đŽg—p,·,é□ê□‡,l̇,Ý'I'đ,μ,Ü,·□B,±
.ê,ç,l̇fAf_fvf^,í□Af,fj f^□M□†,đ,Ü,Æ,ñ,Ç,l̇fXfe fŒfI fn□[fh fEfFfA,ĂŽg—p,³ê,Ă,ç,é•W□€“l,Ê 3 fsf“ DIN ,É•İŠ·,μ,Ü,·□B
f□f,: fOf%oftfBfbfNfX fJ□[fh,É“à' 3 fsf“ DIN fRflfNf^,ª ,é□ê□‡,í□AfAf_fvf^,đŽg—p,·,é•K—v,Í, ,è,Ü,¹ñ□B

,±,ìlfvfVf‡f“,í□AfOf%ftfBfbfNfX fJ□[fh,ÉŽ©“©fXfefŒfI ftf%fbfg fpflf<δ□Ú'±,μ,Ä,¢,é□ê□‡,ì,Ý'I'ð,μ,Ü,·□B

,±,ìlfvfVf‡f“,í□AfpfbfVfu fXfefŒfl fn□[fhfEfFfA,ðŽg—p,μ,Ä,¢,é□ê□‡,É'ìð,μ,Ü,·□B

,±,ìlfvfVf‡f“,ðŽg—p,·,é,É,í□AQuadro2 MXR (,Ü,½,í GeForce2 MX /GeForce2 Go) ,È,Ç,ì NVIDIA GPU ,ðfx□[fX,Æ,μ,½ff...
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v,a, ,è,Ü,·□B^ê•û,lfwfbfh,Ä□¶—Ü,ÄŒ©,½fCf□□[fW,ð□A,à,σ^ê•û,lfwfbfh,Ä‰E—Ü,ÄŒ©,½fCf□□[fW,ð•Ž!,μ,Ü,·□B

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