

ThinkPad, ĩŸ'è, ĩfwf.fv - -ÚŽŸ

‚ ĩŸ, ‚É

ThinkPad, ĩŸ'èft ĩŸefBfŠfB, ĩThinkPad, ĳŸ'è, ‚, é, ½, ‚, ĩRf“fgf ĩŸfZf“f ĩŸ. ĩ-đŠ, „, đ%œ, ½, ‚, Ű, ‚, B, ±, ĩft ĩŸefBfŠfB, ĩ%œ-É ĩä, ĩfAfCfRf“, đfNfŠfbfN, ‚, ½, è ĩAf ĩŸfj...
ĩŸo ĩŸ, ©, ĩŸŸof CfX, đŸŸ'è, ‚, ½, è ĩA ĩŸ'è, đ• ĩŸX, ‚, ½, è, ‚, é, ½, ‚, ÉŽg—p, Ā, «, Ű, ‚, B, ±, ĩft ĩŸefBfŠfB, đŽg, Ā, ĀŽĀ ĩŸs, Ā, «, éf^ fXfN, É, ĩŽŸ, ĩ, æ, Ÿ, É, à, ĩ, a, ‚, è, Ű, ‚, B

1. “à' fffof CfX, ĩŸ'è
2. fpf ĩŸf} f ĩŸfwf ĩŸfg, ĩŸ'è
3. fffBfXfvf ĩŸfCffof CfX, ĩŸ'è
4. ‚, ĩ' ¼, ĩŸfvfVfŸf“

fc ĩŸf<fo ĩŸ. ĩŸf{f^f“ ‚ ĩŽg, ĩ• Ű

fc ĩŸf<fo ĩŸ. ĩŸf{f^f“, đfNfŠfbfN, ‚, é, ¾, ¼, ĩA ĩA“dCE ĩf, ĩŸfh, đAC'€ ĩŸ, ĩŸfof bfeŸŠ ĩŸ['€ ĩŸ, É ĩŸ, è' Ű, ĩ, ½, è ĩA fffBfXfvf ĩŸfCffof CfX, đŸŸ, è' Ű, ĩ, ½, è, ‚, é, ±, ĩŸ, ĩŸ, ĩ, Ā, «, Ű, ‚, Bfc ĩŸf<fo ĩŸ, É, ĩŽŸ, ĩ, æ, Ÿ, ĩŸf{f^f“, a, ‚, è, Ű, ‚, B

- _____ “dCE ĩf, ĩŸfh{f^f“
- _____ fffBfXfvf ĩŸfCffof CfXf{f^f“
- _____ fXfNfŠ ĩŸf“fuf%œf“fNf{f^f“
- _____ ffwf<fvf{f^f“

• \Ž; Šp“x, ĩ• ĩŸX

fE fCf“fhfE, ĩ%œE' Ÿ, É, ‚, é• \Ž; Šp“xf{f^f“, đfNfŠfbfN, ‚, é, ĩŸA ĩA%œB, è, Ā, ĩ, éfRf ĩŸNf^, ĩŸffof CfX, đCE ©, è, é, æ, Ÿ, É• \Ž; Šp“x, đ• ĩ, ‚, é, ±, ĩŸ, ĩŸ, ĩ, Ā, «, Ű, ‚, B

“à' fffof CfX, ĩŸ'è

ĩŸŸ%œE, ĩŸffof CfXfAfCfRf“, đfNfŠfbfN, ‚, é, ĩŸA ĩŸThinkPad, ĩŸfCf“fXfg ĩŸf<, ¾, é, Ā, ĩ, éŠeffof CfX, đ—ŁCEđ ĩŸ^—ŁCEđ ĩŸ^Ÿ'è, Ā, «, Ű, ‚, BŠefAfCfRf“, ĩ%œi, É, ‚, éCf“fwfP ĩŸf^f%œf“fv, ĩŸffof CfX, a—ŁCEđ, ©—ŁCEđ, ©, đŽ, ĩ, ‚, Ā, ĩ, é, Ű, ‚, B, Ű, ½ ĩŸA fffof CfX, ĩŸŸfj... ĩŸ€—Ú, đŽg, Ā, Ā, à ĩŸ'è, Ā, «, Ű, ‚, B


Ÿ ĩŸ Ó


ĩŸ•W, ĩŸfT ĩŸfXf} ĩŸfN


,±,lfAfCfRf“,đfNfŠfbfN,·,é,Æ□A,±,lf“f%ofCf“fwf·fv,³•\Ž|,³,ê,Ü,·□B

“dĀf, [fh]{f^f”

ŽŸ, ĩf{f^f”, ĩ, P, Â, đfNfŠfbfN, ·, é, Æ□A“dĀf, □[fh, đAC‘€□i, ©fofbfefŠ□[‘€□i, É□Ø, è‘Ö, †, é, ±, Æ, ¢, Å, «, Ü, ·□B

 □Ā‘â□È“d—í□Ÿ‘è , ±, ĩf, □[fh, É□Ÿ‘è, ·, é, ÆfofbfefŠ□[“dĀ¹, đ□ß-ñ, ·, é, ½, ß, ÉfvfXfef€ , đfpf□□[f}f□□[fwf□f“fg□ó‘Ö, É^U□s, ³, ¹, Ü, ·□B, ±, ĩf, □[fh, ĩfofbfefŠ□[‘€□i, É“K, μ, Å, ¢, Ü, ·□B

 ftf<fpf□□[□Ÿ‘è , ±, ĩf, □[fh, É□Ÿ‘è, ·, é, Æ□AfvfXfef€, ĩftf<fpf□□[, Å %o“® , μ, Ü, ·, ¢□AfofbfefŠ□[‘€□iŽž, É, ±, ĩf, □[fh, É□Ÿ‘è, ·, é, Æ□AfofbfefŠ□[“dĀ¹, ¢‘â—Ê, É□Á“i, ³, è, Ü, ·□B

 fjfXf^f}fcfY , ±, ĩf, □[fh, É□Ÿ‘è, ·, é, Æ□A, , ç, ©, ¶, ß‘l‘đ, μ, Å, ”, ¢ , ½fvf□fZfbfT, ĩ‘—“x, âfn□[fhfffBfXfN, đfĳft, É, ·, éŽžŠÖ, É, Ç, ĩfpf%of□□[f^ , ÉŠî, Å, ¢, ÄfvfXfef€ , đfpf□□[f}f□□[fwf□f“fg□ó‘Ö, É^U□s, ³, ¹, Ü, ·□B

ffBfXfvfCfCffofCfXf{f^f“

fRf“fsf...[f^[]ÉŠO•t,~f,fff^[]δÚ'±,μ,Ä, ,é,Æ,«[]AZÿ,lf{f^f“ ,ì,P,Â,ðNfŠfbfN,·,é,ÆfffBfXfvfCfC'•'u,ð[]Ø,
è'Ó,|,é,±,Æ,ª,Ä,«,Ü,·[]B
(f,fff^[],lf,fff<,É,æ,Ä,Ä,íCRT,ÆLCD+CRT,ðŽg—p,Ä,«,È,¢[]ê[]‡,ª, ,è,Ü,·[]B[]j



LCD



ŠO•t,~f,fff^[]Ü,½,íCRT



LCD + ŠO•t,~f,fff^[]Ü,½,íLCD+CRT

fXfNfŠ[f“fuf%of“fN

,±,lf{f^f“,ð%öÿ,·,Æ□Af,fjf^□[,lfiftŽžŠÖ,ð—LÆø,Ü,½,í-³Æø,É,μ,Ü,·□B



fXfNfŠ[f“fuf%of“fN,ð-³Æø,É,μ,Ü,·□BfXfNfŠ[f“fuf%of“fN,ð-³Æø,É□Y’è,³,è,Ä,ç
,é,Æ,«,·,í□AfXfNfŠ[f“flftŽžŠÖ□AfXf^f“fofCŽžŠÖ□AfTfXfyf“fhŽžŠÖ,È,Ç,ð-³Ž<,³,è,Ü,·,ì,Å□AfVfXfef€
,lfTfXfyf“fhf,□lfh,È,ànfCfof□lfVf#f,□lfh,È,à`Ú□s,¹,·□AfXfNfŠ[f“,ðfuf%of“fN,³,¹,Ü,¹,ñ□B,±
,ì□Y’è,lfvfÆf[f“fe□lfVf#f“fvftfg,ðŽg—p,μ,½,è□Af,□lfVf#f“frfffl,ð□Á□l,·,é,Æ,«,ÉŽg—p,μ,Ü,·□B



fXfNfŠ[f“fuf%of“fN,ð—LÆø,É,μ,Ü,·□B,±
,lfjvfVf#f“,ð’l’ð,·,é,Æ□Af^fCf}□[,lfifŠfWfif<,l’l,ð•æ<A,³,¹,Ü,·□B

fVfXfef€i•ñ

BIOS,ÆfVfXfef€i•ñ,đ•\Ž!,μ,Ü,•B

IBM, AET (Xf) (fN

ŽŸ, ì»•i-¼, ", æ, Ñfuf%of“fh-¼, Í•Ä‘IBMŽĐ, ì»•W, ", æ, ÑfT (Xf) (fN, Å, ·B

- IBM
- ThinkPad
- OS/2
- Mwave
- PC Card Director
- RediSafe

ŽŸ, ì»•i-¼, ", æ, Ñfuf%of“fh-¼, ÍŠeŽĐ, ì»•W, Å, ·B

- | | |
|---------------|---|
| Microsoft | Microsoft Corporation |
| Windows | Microsoft Corporation |
| PCMCIA | Personal Computer Memory Card International Association |
| Sharp | Sharp Corporation |
| Wizard PC | Sharp Corporation |
| Mind Path | Mind Path Technologies |
| Sound Blaster | Creative Labs, Inc. |
| CardWizard | SystemSoft Corporation |

ÔŠü

ThinkPad, ìñ'α, É, íÔŠüfCf“f^ftfF[]fX, ðŽg, α“ÁŽè, ÈfRf~f...fjP[]fVf#“f[]fg, ðÝ'u, ð, è, Ä, ç, Ü, ·, ±, ìf|
[]fg, ðŽg, Á, ÄÉÝ, ç, ìffofCfX, ðfRf~f...fjP[]fg, ð, ð, é, É, íA, »è, ¼, è, ìÔŠüf[]fg, ðü, ¯#, α•K—v, ð, è, Ü, ·, ±, ìf|
ÔŠüf[]fg, ðŽg—p, ·, éè#, íA—**LEØ**, ð'í'ð, µ, Ä, , ¼, , çB
ÔŠüf[]fg, ðŽg, í, , É'¼, ì'•u, ÈfVfXfefçfŠf[]fX, ðŽg—p, ð, ð, é, É, íA—**LEØ**, ð'í'ð, µ, Ä, , ¼, , çB

• ĩ X, μ, ½ Y' è, ð • Û' ¶, μ, Ä, ±, ĩ f C f A f f O f { f b f N f X, ð • Ä, ¶, Û, - B

• ĩX, μ, ½Y'è, ð• Û'ŋ, 1,, Éf_CfA_fOf{fbfNfX, ð• Â, ŋ, Û, ·B

Windows95/98, \ffofCfXf}f[]fWff, đ<N“ @, μ, Ü, ·[]BfŠf\[]fX[]Ý’è, đ•\Ž!, μ, ½, è[]A•ï[]X, μ, ½, è, , é[]ê[]‡, í[]A, ±
, lf{f^f“, đfNfŠfbfN, μ, Ä,, ¾, ¾, ç[]B

TrackPoint

TrackPointfIfvfVf#f“,ÍfL[f{[fh,É-,„,ßž,Ü,è,½TrackPoint,ð—LCEø^—³CEø,ÉY’è,μ,Ü,·BTrackPoint,ð-
³CEø,É,μ,È,,À,àATrackPoint,ÆŠO•t, ~PS/2f}fEfX,Í“ ~Žž,ÉŽg—p,Å,«,Ü,·B
“à’ ,³,è,½TrackPoint,¾, ,ðŽg—p, ,é,É,íA—LCEø,ð’I’ð,μ,Ä,,¾,¾,çB
“à’ ,³,è,½TrackPoint,ð-³CEø,É,μ,ÄŠO•t, ~f}fEfX,¾, ,ðŽg—p, ,éèè#,íA-³CEø,ð’I’ð,μ,Ä,,¾,¾,çB

ŽŸ, ì, æ, x, Èf}fEfX, ìfvf[]pfefB, ðŸ'è, ., é, É, í[]Af}fEfXfvf[]pfefBf{f^f", ðfNfŠfbfN, µ, Ä,, ¾, ³, ç[]B
[] f{f^f", ìŸ'è
[] f_fuf<fNfŠfbfN, ì'¬"x
[] flfCf" f^, ì' ð
[] flfCf" f^, ì'¬"x
[] flfCf" f^, ì<O[]Ö

f![]ffBfi

fEjF[]fufi[]ffBfi, ìÄ[]A~^%°¹[]ADOSfQ[]f€—pSound BlasterfGf~f...fCE[]fVf#f“, È, Ç, ìfi[]ffBfi<@“\, ðŽg—
p, ·, éê[]‡, íA—**LEø**, ð'ì'ð, μ, Ä,,³/₄,³, ç[]B
fi[]ffBfi<@“\, ðŽg—p, μ, È, ç, Æ, «, íA'¹/₄, ì'•'u, ðfVfXfef€fŠf[]fX, ð, æ, è'¹/₂, Žg—p, Å, «, é, æ, x, É[]A-
³**CEø**, ð'ì'ð, μ, Ä,,³/₄,³, ç[]B

fvf[]fOf%of€,lfCfxf“fg”[]Žž,ÉfTfEf“fh,đŠ,,è“-,Ä,½,¢[]ê[]†,í[]A**fTfEf“fhfvf[]pfefB**,đfNfŠfbfN,μ,Ä,,¾,³,¢[]B

f}f<f`f[]ffBfAfffofCfX[]^<@"\,đ[]Ý'è,.,é,É,Í[]Af}f<f`f[]ffBfAfvf[]pfefB,đfNfŠfbfN,μ,Ä,,¾,³,ϕ[]B

ft[]fU[]•â[]•

FnfL[]f[]fbfN,í•ĐŽè,Âf^fCfv,μ,½,è[]Af}fEfXfXfefBfbfN,âfwfbfhfXfefBfbfN,đŽg—p,·,·,é•ú,²FnfL[][<@”\ ,đŽg,|,é,æ,κ,É[]YCEv,³,é,½,à,ì,Â,·[]B,±,|f|fVfVf#f”,đ—LCEø,É,·,·,é,Æ[]AFnfL[],đ%oÿ,·,·,Æ,»,é,² %oÿ,³,é,½,Ü,Ü,É[]ó‘Ö,É^ÜŽ[],³,é,Ü,·,·,ì,Â[]AZÿ,Éftf@f”fNfVf#f”fL[],đ%oÿ,·,·,±,Æ,É,æ,Á,Â[]AfVfXfef€ ,²FnfL[],Æftf@f”fNfVf#f”fL[],đ”~ŽŽ,É%oÿ,μ,½,Æ,«,Æ”~,¶,æ,κ,É”®[]i,μ,Ü,·[]BFnfL[],đ,Q%oñ%oÿ,·,Æ[]A,à,κ ,P”xFnfL[],đ%oÿ,·,·,Ü,Â[]ó‘Ö,²f[]fbfN,³,é,Ü,·[]B

ft[]fU[][•â[]•,Ö,lfvf[]pfefB{f^f“,ðfNfŠfbfN,·.é,Æ[]AWindows
95/98,lf+[]fU[][•â[]•,lfvf[]pfefB,ð•İ[]X,À,«,Û,·[]B

fWf#CfXfefBfbfNf|[]fg

fVfXfef€,đfWf#CfXfefBfbfNf|[]fg•t,«,lf|[]fgfŠvfŠfP[]f^,É[]Ú'±,·,é,Æ[]AfQ[]f€fffofCfX,đŽg—p,Å,«,é,æ,κ
,É,È,è,Û,·[]B

fWf#fCfXfefBfbfNf|[]fg

fWf#fCfXfefBfbfN,đŽg,Á,ĀfQ[]f€,đŠy,μ,Ý,½,¢,Æ,«,Í[]A—**LCĚø**,đ'Í'đ,μ,Ä,,¾,¾,¢[]B

fWf#fCfXfefBfbfN,đŽg—p,μ,Ě,¢,Æ,«,Í[]A-**³Ěø**,đ'Í'đ,μ,Ä,,¾,¾,¢[]B

PCI'•'u—pIRQ

IRQ,đ•K—v,Æ,·,éPClfffofCfX,đŽg—p,μ,½,¢,Æ,«,í□APClfffofCfX,ÉIRQ,đŠ,,è“-,Ä,é•K—v,^a, ,è,Ü,·□B

fpf%ofCEf<f|[]fg

fpf%ofCEf<f|[]fg,É,lfpf%ofCEf<fvfŠf“f^,È,Ç,lfpf%ofCEf<fffofCfX,ð[]Ú'±,Å,«,Ü,·[]B

fpf%ofCEf·f|[]fg

fpf%ofCEf·f|[]fgffofCfX,đŽg—p,·,é,Æ,«,í[]A—**LEØ**,đ'l'đ,μ,Ä,,³/₄,³,ç[]B

fpf%ofCEf·f|[]fg,đŽg,í,,.É'¹/₄,ì'·'u,ÉfVfXfefefšf[]fX,đŽg—p,³,¹,é,É,í[]A—³**CEØ**,đ'l'đ,μ,Ä,,³/₄,³,ç[]B

“®[]f,[]fh

a) •W[]€,lfvfšf“f^,ð[]Ú±,·,é,Æ,«,í[]A’o•ûCEü,ð’l’ð,μ,Ä,,¾,¾,¾,ç[]B

b) PC[]^AT’í%ž’•’u,ðŽg—p,·,é,É,í[]A’P•ûCEü,ð’l’ð,μ,Ä,,¾,¾,¾,ç[]B

c) EPP[]^ECP’í%ž’•’u,ðŽg—p,·,é,É,í[]A’EPP,Ü,½,í[]ECP,ð’l’ð,μ,Ä,,¾,¾,¾,ç[]B,±,ê,ðŽg—p,·,é,É,í[]VfXfef€
,É[]¾,μ,çfffofCfXfhf%ofCfo,©[]ftfgfEjFfA,ðfCf“fXfg[]f<,μ,É,·,ê,í,È,ç,É,ç,©,à,μ,ê,Ü,¹,ñ[]B

ECP,ð’l’ð,μ,½[]ê±,í[]ADMAf`fff[]f<,ð[]Ý’è,μ,Ä,,¾,¾,¾,ç[]B

’[]^Ó[]FI/Oj[]lfgfAfhfCEfX,²3BC,É[]Ý’è,¾,ê,Ä,ç,é,Æ,«,í[]A’EPPf,[]fh,í[]f[]f[]fg,¾,ê,Ü,¹,ñ[]BI/

OjAfhfCEfX,ð378,©278,ÉŠ,,è”-Ä,é,É,í[]A[]mfffofCfXf}f[]f[]Wff[]n[]|[]mfvfšf“f^f[]f[]fg[]n[]|[]mfš[]
[]fX[]nf^fu,ð’l’ð,μ,Ä,,¾,¾,¾,ç[]B

LCD

,±,lfVfXfef€,É,Í—D,ê,½-¾—Ä«„đ”Šö,·,é’åÆ^LCD,ªŸ’u,³,ê,Ä,ç,Ü,·B

fXfNfŠ[f“fuf%of“fN

fvfĒff[f“fe□[fVf#f“,đ”•\‘†,ÉfXfNfŠ□[f“,əfuf%of“fN,É,È,ç,È,ç,æ,x,É,·,é,É,í□A-³Ēø,đ‘l’đ,μ,Ä,,³/4,³,ç□B
—LĒø□^⁻³Ēøf{f^f“,Ífc□[f<fo□[□ä,É,à•\Ž|,³,ê,Ü,·,ì,Å□AŠÈ‘P,É‘l’đ,Å,«,Ü,·□B

-¾,é,³

-¾,é,ç,ð'ì'ð,·,é,Æ[AfRf"fsf...[f^[[,²fofbfefS["dCE¹,Ü,½,íAC"dCE¹,ì,Ç,¿,ç,Å<N"®,³,ê,Ä,ç,Ä,à[ALCD,ì-¾"x,í"~,¶,É,È,è,Ü,·[B

'[O[F,±,ìfìfvfVff",ð'ì'ð,·,é,Æ[AfofbfefS["dCE¹,²'â-Ê,É[Á-Ö,³,ê,Ü,·[B

Šg'£fXfNfŠ[]f"

640x480^È[]ă,ì%øđ'œ"x,đŽ[],ÂLCDfjpfjfc,³[]Ý'u,³,ê,Ä,ç,é[]ê[]‡,Í[]A,±,ìfjfvjVf‡f",đ'l'đ,·,é,Æ
%øđ'œ"x,đ640x480,Ü,Â[]ă,°,ÄfXfNfŠ[]f",ç,Ä,Í,ç,É•\Zì,μ,Ü,·[]B
fXfNfŠ[]f",đŠg'£,·,é,É,Í[]A—LCEø,đ'l'đ,μ,Ä,,³/4,³,ç[]B
fXfNfŠ[]f",đ640x480,É•Í[]X,·,é,Æ,«,Í[]A-³CEø,đ'l'đ,μ,Ä,,³/4,³,ç[]B

fXfNfŠ[f“ ,ì%øđ'œ“x,âjff%ø[fpfĈfbfg,đŸ'è,·,é,É,íAfvf[fpfefB,đ'l'đ,μ,Ä,,¾,¾,çB

f,fff€

“à’ f,fff€,đŽg—p,,:é,É,Í—**LEø**,đ’l’đ,μ,Ä,,³/₄,³,č□B

“à’ f,fff€,đŽg,í,,.É’¹/₄,l’•’u,ÉfVfXfef€fŠ∧□lfX,đŽg—p,³,¹,é,É,Í□A-³**CEø**,đ’l’đ,μ,Ä,,³/₄,³,č□B

f,fff€,ìfvf[]pfefB,đY'è,.,é,É,í[]A**f,fff€,ìfvf[]pfefB**{f^f",đfNfŠfbfN,μ,Ä,,¾,¾,ç[]B

fVfŠfAf<f|[]fg

fVfŠfAf<f|[]fgfffofCfX,đŽg—p,·,é,É,Í□A—**LEø**,đ'ı'đ,μ,Ä,,¾,¾,¢□B

fVfŠfAf<f|[]fg,đŽg,ı,.,É'¼,ı'•'u,ÉfVfXfef€fŠf\[]fX,đŽg—p,¾,¾,é,É,Í□A-**³CEø**,đ'ı'đ,μ,Ä,,¾,¾,¢□B

PCJ[fhfXf]fbfg

Windows95/98, \PCJ[fh,lfvf]fpfefB,đĀ©,é,É,íAPCJ[fhfXfe][f^fXf{f^f",đfNfŠfbfN,μ,Ä,,¾,³,čB

ThinkPad X1 Carbon

ThinkPad, iY'èft [fefBfŠfefB,ÆfofbfefŠ [f [f^ [.,)fifvfVf#f“,ðffXf^f}fCfY,Å,«,Ü,·B

,±,lf{fbfNfX,đf`fFbfN,·,é,Æ□AfVfXfef€fgfCEfC,ÉThinkPad□Ý'èft□[fefBfŠfefB,lfAfCfRf“,³•\Ž!,³,ê,Ü,·□B

,±,lf{fbfNfX,đf`fFbfN,·,é,Æ□AfVfXfef€fgfCEfC,ÉfofbfefŠ□lf□□lf^□l,lfAfCfRf“,ª•\Ž!,ª,ê,Ü,·□B

