

Promina Cards Support Matrix

| DESCRIPTION | MKTG PART # | PCA # | Current Rev | Minimum Revision Supported | | | | Comments |
|-------------------------|-------------|------------|-------------|----------------------------|------|------|------|----------|
| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | |
| Common Equipment | | | | | | | | |
| BUS EXTENDER | 009227 | 024357-100 | B | B | B | B | B | |
| BUS REPEATER | 009226 | 024319-100 | D | D | D | D | D | |
| BUS TERMINATOR | 009228 | 024320-100 | E | E | E | E | E | |
| BX | 009097 | 016560-400 | P | N | N | N | N | |
| BXI-2 | 009098A | 022460-200 | A | A | A | A | A | |
| SX-2 | 009093 | 020849 | J | H | H | H | H | |
| SXI-2 | 009094 | 022043-100 | A | A | A | A | A | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | |
| Server Cards¹ | | | | | | | | |
| PLM | PERPLMA | 036640-5XX | H | H | H | H | H | 036640-5XX was released with 3.x7.01 SW. |
| | | 036640-553 | | 4.X2.01 | | | | |
| | | 036640-555 | | | 4.X3.01 | | | |
| | | 036640-557 | | 4.X2.02 | | | | |
| | | 036640-558 | | | 4.X3.02 | | | |
| | | 036640-559 | | | | 4.X4.01 | | |
| | | 036640-560 | | | | 4.X4.02 | | |
| | | 036640-561 | | | | | 4.X5.01 | |
| | | 036640-562 | | | | | 4.x5.02 | |
| | 036640-563 | | | | | 4.x5.03 | | |
| | | | 030485-XXX | | | | | Discontinued. Shipped with 16Mb DRAM & 16Mb Flash. Can be upgraded to 32Mb DRAM. Flash cannot be upgraded to 32Mb. Cannot be used with SW 4.x5.02 and above. Replaced by 035675-XXX. |
| | | | 035675-XXX | | | | | Discontinued. Shipped with 16Mb DRAM and 32Mb Flash; upgradable to 32Mb DRAM. Replaced by 036640-XXX. |
| | | | 024487-XXX | | | | | Discontinued |
| PLMI | PERPLMIA | 024489-300 | A | A | A | A | A | |
| | | | | | | | | |

¹ When replacing a card which has software installed (PPM, PLM, PSMA, PSME), GA software is sent by default. Customer may request a different SW load for a fee; no guarantee of continue functionality on obsolete software versions.

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | | |
| PPM | PERPPMA | 036641-3XX | C | C | C | C | C | 036641-3XX was released with 3.x7.01 SW. | |
| | | 036641-356 | | 4.X2.01 | | | | | |
| | | 036641-358 | | | 4.X3.01 | | | | |
| | | 036641-359 | | 4.X2.02 | | | | | |
| | | 036641-360 | | | 4.X3.02 | | | | |
| | | 036641-361 | | | | 4.X4.01 | | | |
| | | 036641-362 | | | | 4.X4.02 | | | |
| | | 036641-363 | | | | | 4.X5.01 | | |
| | | 036641-364 | | | | | 4.x5.02 | | |
| | 036641-365 | | | | | 4.x5.03 | | | |
| | | | 030968-XXX | C | | | | | Discontinued. Shipped with 2x16Mb DRAM, 4Mb Flash. DRAM upgrade not required; 2x16 can be replaced by 1x32. Replaced by 36641-XXX. |
| | | | 030968-XXX | B | | | | | Shipped with 16Mb DRAM, 4Mb Flash. Upgradable to 32Mb DRAM. Replaced by 36641-XXX. |
| | | | 030968-XXX | A | | | | | Discontinued. Shipped with 16Mb DRAM, 4Mb Flash. Upgradable to 32Mb DRAM. Replaced by 36641-XXX. |
| | | 024483-XXX | | | | | | Discontinued | |
| PPMI | PERPPMIA | 024485-600 | C | C | C | | | | |
| PSMA | PERPSMA | 036861-2XX | E | E | E | E | E | Discontinued. Replaced by 037508-2XX. | |
| | | 036861-253 | | 4.X2.01 | | | | | |
| | | 036861-255 | | | 4.X3.01 | | | | |
| | | 036861-256 | | 4.X2.02 | | | | | |
| | | 036861-257 | | | 4.X3.02 | | | | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | |
| PSME | PERPSME | 037508-2XX | A | A | A | A | A | Replaces 036861-2xx |
| | | 037508-255 | | | 4.X3.01 | | | |
| | | 037508-256 | | 4.X2.02 | | | | |
| | | 037508-257 | | | 4.X3.02 | | | |
| | | 037508-259 | | | | 4.X4.01 | | |
| | | 037508-260 | | | | 4.X4.02 | | |
| | | 037508-261 | | | | | 4.X5.01 | |
| | | 037508-262 | | | | | 4.x5.02 | |
| | | 037508-263 | | | | | 4.X5.03 | |
| PSMI | PERPSMIA | 024493-300 | A | A | A | A | A | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | | |
| | | | | | | | | 4.x5.03 | |
| Data Cards | | | | | | | | | |
| CDP I/F | 009079B | 023690-301 | F | F | F | F | F | | |
| CDP+ I/F | 009079C | 033199-301 | B | B | B | B | B | | |
| HSD2B | | 033298-200 | Y | W | W | W | W | | Discontinued , replaced by 035655-300 |
| | 009071B | 035655-300 | AF | AE | AE | AE | AE | | |
| | | 035655-301 | FW1.05 | FW1.05 | FW1.05 | FW1.05 | FW1.05 | | |
| DUAL RS232 I/F, DCE | 009014B | 022469-101 | B | B | B | B | B | | |
| DUAL RS232 I/F, DCE | | 011270-XXX | | | | | | | Discontinued |
| DUAL RS422 I/F, DCE | 009012B | 022471-101 | B | B | B | B | B | | |
| DUAL RS422 I/F, DCE | | 011224-XXX | | | | | | | Discontinued |
| DUAL RS530 I/F, DCE | 009530B | 022462-200 | C | C | C | C | C | | |
| DUAL RS530 I/F, DCE | | 019436-XXX | | | | | | | Discontinued |
| DUAL V.35 I/F DTE | 009011B | 022446-101 | F | F | F | F | F | | Discontinued |
| DUAL V.35 I/F DTE | | 011286-XXX | | | | | | | Discontinued |
| DUAL V.35 I/F, DCE | 009010B | 022444-101 | E | E | E | E | E | | |
| DUAL V.35 I/F, DCE | | 010727-XXX | | | | | | | Discontinued |
| DUAL, RS232 I/F, DTE | 009015B | 022470-101 | B | B | B | B | B | | Discontinued |
| DUAL, RS232 I/F, DTE | | 011272-XXX | | | | | | | Discontinued |
| DUAL, RS422 I/F, DTE | 009013B | 022472-101 | C | C | C | C | C | | Discontinued |
| DUAL, RS422 I/F, DTE | | 011276-XXX | | | | | | | Discontinued |
| QASD | 009067A | 035660-300 | OM FW1.03 | OL FW1.03 | OL FW1.03 | OL FW1.03 | OL FW1.03 | | |
| | | 024577-503 | OD | OD | OD | OD | OD | | Discontinued, replaced by 035660-300 |
| | | 016589-XXX | | | | | | | Discontinued |
| QUAD RS232 I/F, DCE | 009035B | 022464-101 | B | B | B | B | B | | |
| QUAD RS232 I/F, DCE | | 011940-XXX | | | | | | | Discontinued |
| QUAD RS530 I/F, DCE | 009066B | 022466-101 | C | C | C | C | C | | |
| QUAD RS530 I/F, DCE | | 017139-XXX | | | | | | | Discontinued |
| QUAD V.35 I/F, DCE | 009052B | 022440-101 | F | F | F | F | F | | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | 4.x5.03 | |
| QUAD V.35 I/F, DCE | | 012107-XXX | | | | | | | Discontinued |
| QUAD, RS232/V.54 I/F, DTE | 009036C | 022465-101 | B | B | B | B | B | | Discontinued |
| QUAD, RS232/V.54 I/F, DTE | | 015354-XXX | | | | | | | Discontinued |
| QUAD, V.35 I/F, DTE | 009053B | 022442-101 | K | K | K | K | K | | Discontinued |
| QUAD, V.35 I/F, DTE | | 012255-XXX | | | | | | | Discontinued |
| QUAD, X.21 DCE I/F | 009920C | 029222-100 | B | B | B | B | B | | Discontinued |
| QUAD, X.21 DTE I/F | 009922C | 029223-100 | B | B | B | B | B | | Discontinued |
| URD | 009008A | 033959-300 | E | D | D | D | D | | |
| | | 033959-301 | E | D FW2.21 | D FW2.21 | D FW2.21 | D FW2.21 | | |
| | 009009A | 035662-300 | M FW1.03 | L FW1.03 | L FW1.03 | L FW1.03 | L FW1.03 | | |
| | | 010737 | G | G | G | G | G | | Discontinued, replaced by 035662-300 |
| USD+ | 009009B | 035662-300 | M | L | L | L | L | M | |
| HDD4 | HDD4-FC | 037693-300 | B FW1.09 | - | - | A FW1.07 | A FW1.07 | A FW1.07 | FW1.07 supports only 9.6K Async rate. FW1.09 supports similar rates as QASD (FW downloadable in 4.x5.03) |
| H-QUAD RS232 I/F, DCE | RS232-QUAD-IF | 038020-100 | A | - | - | A | A | | |
| H-QUAD RS530 I/F, DCE | HDD4-RS530-IF | 037964-100 | A | - | - | A | A | A | |
| H-QUAD V.35 I/F, DCE | V35-QUAD-IF | 038021-100 | A | - | - | A | A | | |
| HD-T1E1 | HD-T1E1-FC | 037633-300 | B FW1.07 | - | - | A FW1.07 | A FW1.07 | B FW1.07 | |
| | HD-T1E1-IF | 037631-100 | A FW1.03 | - | - | A FW1.03 | A FW1.03 | A FW1.03 | |
| HSD1 | HSD1-FC | 037850-200 | A | - | - | A | A | | |
| H-RS530 I/F | HSD1-IF | 037851-400 | A | - | - | A | A | | |

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| | | | | 4.x2.02 | 4.x3 | 4.x4 | 4.x5 | | |
| | | | | | | | | 4.x5.03 | |
| Trunk Cards | | | | | | | | | |
| IP-TRK | IPTXFC | 035470-300 | B | B | B | B | B | | |
| | | 035470-305 | - | B2.05 K2.60 FW1.108 | | | | | |
| | | 035470-306 | - | - | B2.05 K3.68 FW1.108 | | | | |
| | | 035470-307 | - | - | - | B2.05 K4.01 FW1.108 | B2.05 K4.01 FW1.108 | | Note: 4.01 kernel is backward compatible w/older versions of Promina SW |
| IP-TRKI-530 I/F | IPTX530BC | 035526-200 | B FW2.01 | B FW2.01 | B FW2.01 | B FW2.01 | B FW2.01 | B | |
| IP-TRKI-T1E1 I/F | IPTX-T1E1BC | 035864-200 | B FW1.04 | B FW1.04 | B FW1.04 | B FW1.04 | B FW1.04 | | |
| CX | CXFCA | 035644-301 | A | A | A | A | A | | Discontinued |
| CX | CXT1BCA | 027345-200 | C | C | C | C | C | | Discontinued |
| CX | CXT3BCA | 027342-200 | C | C | C | C | C | | Discontinued |
| CX | CXOC3MM | 030349-200 | B | B | B | B | B | | Discontinued |
| CX | CX0C3SM | 030347-200 | B | B | B | B | B | | Discontinued |
| CX | CXE3BCA | 027344-200 | C | C | C | C | C | | Discontinued |
| CX | CXE1BCBA | 027347-200 | D | D | D | D | D | | Discontinued |
| CX | CXE1BCUA | 027349-100 | F | F | F | F | F | | Discontinued |
| TRK-2 | | 012174-XXX | | | | | | | Discontinued |
| TRK-2X | | 021196-XXX | | | | | | | Discontinued |
| TRK-2A | 009018C | 027678-302 | G | G | G | G | G | | |
| TRK-2 RS530 I/F | 009060B | 022456-101 | C | C | C | C | C | | |
| | | 019627-XXX | | | | | | | Discontinued |
| TRK-2 - CEPT I/F | 009059B | 022256-101 | G | G | G | G | G | | |
| TRK-2 CEPT I/F | | 012309-XXX | | | | | | | Discontinued |

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| | | | | 4.x2.02 | 4.x3 | 4.x4 | 4.x5 | | | 4.x5.03 |
| TRK-2 RS422 I/F | 009958B | 022865 | C | C | C | C | C | | | |
| TRK2 RS422 I/F | | 017518 | | | | | | | Discontinued | |
| TRK-2 T1 I/F | 009086B | 022458-101 | D | D | D | D | D | | | |
| TRK-2 T1 I/F | | 018763-XXX | | | | | | | Discontinued | |
| TRK-2 T1 I/F | | 011078-XXX | | | | | | | Discontinued | |
| TRK-3 | 002503B | 030424-104 | R | R | R | R | R | R | | |
| TRK-3 | | 021860-XXX | | | | | | | Discontinued | |
| TRK-3 T1-DSX I/F | 002511B | 022139-100 | F | F | F | F | F | | | |
| TRK-3 STI RS530 I/F | 002515B | 023121-100 | C | C | C | C | C | | | |
| TRK-3 STI V.35 I/F | 002514B | 023679-100 | C | C | C | C | C | | | |
| TRK-3 E1 I/F | 002513B | 022143-100 | G | G | G | G | G | | | |
| E3 | 009250A | 022281-002 | M | L | L | L | L | | | |
| E3 I/F | 009078 | 022829-XXX | H | H | H | H | H | | | |
| SA-TRK | 009955A | 035713-20X | S FW1.05 | K | K | K | K | | See SA401c | |
| | | 035713-201 | | | | | | | See SA401c | |
| | | 035713-202 | | | | | | | See SA401c | |
| | | 035713-203 | | | | | | | See SA401c | |
| | | 035713-204 | | | FW1.04 | | | | | Rev P supports FW download, 4X301. Rev Q is field upgradable to P. |
| | | 035713-205 | | | FW1.04 | FW1.04 | FW1.04 | | | |
| | | 035713-206 | | | FW1.05 | FW1.05 | FW1.05 | | S FW1.05 | |
| | | 021310 | H | F | F | F | F | | Discontinued; replaced by 035713-XXX | |
| SA-530 I/F | 009957B | 023066-401 | F | D | D | D | D | F | | |
| SA-530 I/F | | 022475-XXX | | | | | | | Discontinued | |
| SA-530 I/F | | 021377-XXX | | | | | | | Discontinued | |
| SCLX | SCLX | 033512-300 | E FW3.65 | E FW3.65 | E FW3.65 | E FW3.65 | E FW3.65 | FW3.65 | | |
| SCLXI-MM | SCLXI | 033514-200 | B | B | B | B | B | B | | |

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| | | | | 4.x2.02 | 4.x3 | 4.x4 | 4.x5 | | |
| | | | | 4.x2.02 | 4.x3 | 4.x4 | 4.x5 | 4.x5.03 | |
| SCLXI-SM | SCLXI-SM | 035590-200 | A | A | A | A | A | | |
| T3 | 009075A | 037484-200 | H FW1.16 | - | F | G FW1.16 | G FW1.16 | | |
| | | 037484-201 | - | - | - | G | G | | FW download supported in Rev G and 4.x4.02 SW |
| | 009075 | 016853 | D | C | C | C | C | | replaced by 037484-200; only interoperates with 017296-100 I/F |
| T3 I/F | 009076A | 037533-200 | B | A | A | B | B | | FW download from front to I/F card supported in Rev B 4.x4.02 |
| T3 I/F | 009076 | 017296-100 | G | G | G | G | G | | Interoperable with 016853 only; cannot be used with 037484-2xx |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | 4.x5.03 | |
| Voice Cards | | | | | | | | | |
| PRC | 009055A | 032682-301 | N | N | N | N | N | N | See SA#429 for revisions prior to N |
| PRC - DS1 I/F | 009007B | 022461-101 | D | C | C | C | C | D | |
| PRC - DS1 I/F | | 010219-XXX | | | | | | | Discontinued |
| TMCP | 009911A | 032683-300 | Q | N | N | N | N | | |
| TMCP | | 014676-XXX | | | | | | | Discontinued |
| DAMI-2 | 009912C | 029662-300 | C | C | C | C | C | | |
| DAMI-2 | | 015001-XXX | | | | | | | Discontinued |
| LD-CELP/12 | 004110A | 023768-407 | P | P | P | P | P | | |
| LD-CELP/24 | 004120A | 024047-407 | M | M | M | M | M | | |
| PV+ | 004123A | 029361-406 | M | M | M | M | M | | |
| PVA | PVAFCA | 029498-401 | F | F | F | F | F | | |
| PVA E&M I/F | PVEMBCA | 029034-300 | C | C | C | C | C | | |
| PVA FXO CE I/F | PVFXPCEBCA | 030445-000 | C | C | C | C | C | | |
| PVA FXO I/F | PVFX0BCA | 029836-001 | B | B | B | B | B | | |
| PVA FXS/ONS I/F | PVFXSONBCA | 029834-001 | C | C | C | C | C | | |
| PVA FXS/OPX I/F | PVFXSOPBCA | 029835-001 | D | D | D | D | D | | |
| PVAC | PVACFCA | 029030-401 | F | F | F | F | F | | |
| PVCOMBO | 004123B | 030730-301 | A | A | A | A | A | | |
| PVEC | 004210A | 027922-100 | L | J | J | J | J | L | |
| PVS | 004114B | 030216-3XX | E | D | D | D | D | | |
| | | 030216-300 | D | D | D | D | D | | |
| | | 030216-302 | E | E | E | E | E | E | |
| NVX (VX Blade) | NVX-V | 036992-301 | C | C | C | C | C | | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | | |
| | | | | | | | | 4.x5.03 | |
| Voice Cards (Contd) | | | | | | | | | |
| NVX (PVS-E) | PERNVXPVS-E | 037427-300 (4.x3.01) | A | | A FW2.26 | | | | |
| | | 037427-301 (4.x3.02) | | | A FW2.61 | | | | |
| | | 037427-302 (4.x4.01) | | | | A FW3.07 | | | |
| | | 037427-303 (4.x4.02) | | | | A FW3.07 | | | |
| | | 037427-304 (4.x5.01) | | | | | A FW4.03 | | |
| | | 037427-305 (4.x5.02) | | | | | A FW4.12 | | |
| | | 037427-306 (4.x5.03) | | | | | | A FW4.39 | |
| NVX I/F | NVXI-T1E1BC | 036993-200 | B | A | A | A | A | B | |

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| | | | | 4.x2 | 4.x3 | 4.x4 | 4.x5 | |
| Packet Cards | | | | | | | | |
| PX3-16 PORT | 009130B-002 | 038028-503 | C | C | C | C | C | 038028 standardized memory components; older revisions of card are still supported as long as minimum memory requirements are met |
| PX3-16 PORT | | 029758-XXX | | | | | | Discontinued |
| PX3-4 PORT | 009132B-002 | 038029-505 | C | C | C | C | C | 038029 standardized memory components; older revisions of card are still supported as long as minimum memory requirements are met |
| PX3-4 PORT | | 027074-XXX | | | | | | Discontinued |
| PX3-8 PORT | 009131B-002 | 038030-507 | C | C | C | C | C | 038030 standardized memory components; older revisions of card are still supported as long as minimum memory requirements are met |
| PX3-8 PORT | | 029757-XXX | | | | | | Discontinued |
| ETHERNET PLUS I/F | 005105A | 029252-400 | D | B | B | B | B | |
| E1 I/F | 005107C | 023874-301 | H | H | H | H | H | |
| QBRI FC | 009916B | 027804-101 | Q | Q | Q | Q | Q | |
| QBRI I/F | 009923B | 027673-100 | C | C | C | C | C | |

Note: Some newer Promina/NX1000 cards support the ability to upgrade their firmware via the Promina/NX1000 software load. As long as the hardware revision of the card supports FW download, it may be upgraded. The alpha version of the card (as indicated on its external label) stays the same (A, B, etc.) after a firmware upgrade has been completed; the key factor in the successful use of the card is the firmware load, not the alpha revision.