

VEHICLE-MOUNT COMPUTER

Janus® 2050

Benefits:

- True DOS programmability
- Standard processor and large memory
- 2.4 GHz and 900 MHz radio frequencies
- Connectivity options for terminal emulation and client-server systems
- Large, high contrast display
- Rugged design
- Protection from vehicle power variations



The Janus 2050 Vehicle Mount Computer is part of the most PC-compatible family of data collection products on the market. Featuring a Intel 386 processor, true MS-DOS 6.2 programmability, 4 MB of RAM, and standards-based, open architecture, the Janus 2050 enables Information Systems personnel to easily integrate a data collection system with your existing infrastructure. Plus, its broad compatibility and familiar operation can help reduce support costs throughout the life of your system.

Rugged design—tested to the toughest shock and vibration standards—proven reliability, and flexible architecture help to ensure that the Janus 2050

delivers years of dependable service even in harsh environments. And its large, bright, electroluminescent display is easy to read both in the dimmest warehouse as well in brighter environments.

In addition, the Janus 2050 supports multiple connectivity options for terminal emulation and client-server systems. That support, together with user-accessible PC card slots and multiple radio frequency and scanner choices, make it easy to extend your Janus data collection system throughout the enterprise without having to support multiple products and platforms.

Janus® 2050

Physical characteristics**Width:** 35.18 cm (13.85")**Depth:** 13.97 cm (5.5")**Height:** 26.04 cm (10.25")**Weight:** 8.18 kg (18 lbs.)

Adjustable mounting bracket included

Display

Bright electroluminescent CGA display

Full screen (25 lines x 80 characters) or configurable oversized characters, including 13 x 80, 25 x 40, or 13 x 40

Keyboard Options

Full alphanumeric, 54-key

Languages: English, German, Spanish, Italian, or French

VT(ANSI) and IBM 5250 or 3270 for terminal emulation

Environmental**Operating temperature:** -20° to 50°C (-4° to 122°F)**Freezer Model:** (900 MHz only) available for -30° to 50°C (-22° to 122°F)**Storage temperature:** -20° to 70°C (-4° to 158°F)**Humidity:** Non-condensing (10 to 90%RH)

Sealed against dust and moisture to IP54

Vibration-tested to SAEJ-1399 Class 2

Power

12V to 48V DC input from vehicle

Universal Power Supply with surge, over-voltage and reversal protection

NiCad backup battery, constantly recharged for memory and data retention

Memory

4 MB battery-backed RAM, 512K Flash Drive C, 2 MB ROM Drive D

Type I/II PCMCIA drive (sealed) for additional programs or data storage, (not usable with 2.4GHz radio option)

Hardware

386SXL microprocessor

PC-AT compatible

Emulates full PC-AT keyboard

Software

MS-DOS® 6.2

Microsoft QBasic

User-friendly configuration screens

Virtual Wedge™

IBM and VT/ANSI Terminal Emulation options

Microsoft Interlink/Interserver communications package

Interfaces

Auxiliary RS-232

11-pin sealed connection for input devices

2.4 GHz Wireless LAN Characteristics**Frequency:** 2.4 GHz**Frequency band:** 2.4 GHz. Frequency range varies by country**Radio Type:** Wireless LAN Interoperability (WLI) Forum-compatible: Frequency Hopping Spread Spectrum (FHSS)**Radio power output:** 100 mW**Radio data rate:** 1.6 Mbps per channel. 800 Kbps fallback rate for extended range**Channels:** Supports 15 independent non-interfering "virtual channels" (hopping patterns)**Range:** Up to 500-foot radius (150 meters). Indoors-unlimited radius, using roaming**Compatibility:** Fully interoperable with Model 2100, 0110 and 0115 Access Points as well as all WLI Forum products.**Security:** 20-digit security IDs available**900 MHz Wireless Data Communication****Frequency band:** 902 - 928 MHz per FCC, Part 15**Spread spectrum:** Direct sequence**Data rate:** 122 Kbps**Radio:** 1 Watt maximum output**Radius:** 330 m (1000') in most environments**Bar Codes Supported****Autodiscriminates:** Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN, Code 128, UCC/EAN-128, Code 11, Code 93, Code 49, ISBT**Regulatory Approvals Pending**

UL Listed, UL 1950; CSA Certified, C22.2 #950M89; CAN SOR/88-475; FCC Part 15, EN 55022 (CISPR 22); BTS 300-328; EN 50082-1; Canadian RFRSS-120 Certified; TUV GS Licensed to EN 60950

Accessories

User's manual

Programmer's Software Kit (PSK)

PCMCIA memory cards

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