Hitachi 135 Service Manuals

Disk density

from the original on 2017-06-19. Retrieved 2017-06-19. IDG (1988-07-29). "Hitachi-Maxell bietet NEC neue 12,5-MB-Floppy an". Computerwoche (in German). Tokio

Disk density is a capacity designation on magnetic storage, usually floppy disks. Each designation describes a set of characteristics that can affect the areal density of a disk or the efficiency of the encoded data. Such characteristics include modulation method, track width, coercivity, and magnetic field direction.

List of semi-automatic train systems

trains (since 2019) use an on-board system jointly developed by CASCO and Hitachi Rail STS. Interoperable with both CBTC and the existing track circuit based

This is a list of current semi-automatic train systems capable of GoA2 as according to the Grade of Automation classifications specified by the standard IEC 62290-1. These are explained diagrammatically by the UITP. For the systems capable of GoA3 and higher, see the list of driverless train systems. Canceled automated train systems are in the list of defunct automated train systems.

Tsukuba Express

trains built by Hitachi Rail entered service on 14 March 2020. Metropolitan Intercity Railway Company offers four types of train services on the Tsukuba

The Tsukuba Express ([[]], Tsukuba Ekusupuresu), or TX, is a Japanese railway line operated by the third-sector company Metropolitan Intercity Railway Company, which links Akihabara Station in Chiyoda, Tokyo and Tsukuba Station in Tsukuba, Ibaraki. The route was inaugurated on 24 August 2005.

List of floppy disk formats

1986. p. 238. Retrieved November 7, 2023. " TTTTTTTTTTTTTT" [Hitachi Con Peripherals] (PDF). hitachihyoron.com. January 6, 1985. p. 9.

This is a list of different floppy disk formats.

IBM System/370

this term would more often describe systems from Amdahl Corporation, Hitachi, and others, that could run the same S/370 software. This choice of terminology

The IBM System/370 (S/370) is a range of computers, from entry-level to mainframes, announced as the successors to the System/360 family on June 30, 1970. The series mostly maintains backward compatibility with the S/360, allowing an easy migration path for customers; this, plus improved performance, were the dominant themes of the product announcement.

Early 370 systems differed from the 360 largely in their internal circuitry, moving from the Solid Logic Technology hybrid integrated circuits containing separate transistors to more modern monolithic integrated circuits containing multiple transistors per integrated circuit, which IBM referred to as Monolithic System Technology, or MST. The higher density packaging allowed several formerly optional features from the 360 line to be included...

JNR Class D51

built by Kawasaki Heavy Industries Rolling Stock Company, Kisha Seizo, Hitachi, Nippon Sharyo, Mitsubishi Heavy Industries and JGR's factories from 1936

The Class D51 (D51) is a type of 2-8-2 steam locomotive operated by the Japanese Government Railways (JGR) and later by the Japanese National Railways (JNR). Designed by JGR's chief mechanical engineer Hideo Shima, they were built by Kawasaki Heavy Industries Rolling Stock Company, Kisha Seizo, Hitachi, Nippon Sharyo, Mitsubishi Heavy Industries and JGR's factories from 1936 to 1945.

Although surpassed in speed, power, and size by other locomotives, it is recognised as the most mass-manufactured locomotive in Japanese rail history. A total of 174 units are preserved in Japan, including five operational examples. An additional 13 are preserved in Russia and Taiwan, bringing the total number of preserved units to 187.

Acura Legend

Legend and RL. Contains online service manuals, FAQs, DIYs, etc. Acura Legend G1/G2 Service Manual Online service manuals for the Legend G1 (1986–1990)

The Acura Legend is a mid-size luxury car manufactured by Honda from Japan. It was sold in the U.S. and Canada under Honda's luxury brand, Acura, from 1985 until 1995. It was the first flagship sedan sold under the Acura nameplate, until being renamed in 1996 as the Acura 3.5RL. The 3.5RL was the North American version of the KA9 series Honda Legend.

The opportunity for Japanese manufacturers to export more expensive models had arisen with the 1980s voluntary export restraints, negotiated by the Japanese government and U.S. trade representatives, restricting mainstream car sales. The initial success of the Legend and Honda's Acura division in competing against established European and American luxury manufacturers would lead to Toyota and Nissan creating the Lexus and Infiniti brands, respectively...

British Rail Class 700

Bombardier, Hitachi, and Siemens as train builders. The invitations to tender were issued to the four bidders in November 2008. Hitachi exited the bidding

The British Rail Class 700 is an electric multiple unit passenger train from the Desiro City family built by Siemens Mobility. It is capable of operating on 25 kV 50 Hz AC from overhead wires or 750 V DC from third rail. 115 trainsets were built between 2014 and 2018, for use on the Thameslink network, as part of the Thameslink Programme in the United Kingdom. As of 2021, they are operated by Govia Thameslink Railway.

In 2011, the consortium Cross London Trains (XLT) consisting of Siemens Project Ventures, 3i Infrastructure, and Innisfree was announced as preferred bidder with Siemens Mobility to manufacture the trains. The decision was politically controversial as the trains were to be built in Germany, while the competing consortium led by Bombardier Transportation had a UK train factory...

IEBus

Hitachi Review. 48 (6): 313-317. "H8S IEBus". Renesas Electronics. "14" (PDF). H8S/2258 H8S/2239 H8S/2238 H8S/2237 H8S/2227 Groups Hardware Manual (6

IEBus (Inter Equipment Bus) is a communication bus specification "between equipments within a vehicle or a chassis" of Renesas Electronics. It defines OSI model layer 1 and layer 2 specification. IEBus is mainly used for car audio and car navigations, which established de facto standard in Japan, though SAE J1850 is major in United States.

IEBus is also used in some vending machines, which major customer is Fuji Electric.

Each button on the vending machine has an IEBus ID, i.e. has a controller.

Detailed specification is disclosed to licensees only, but protocol analyzers are provided from some test equipment vendors.

Its modulation method is PWM (Pulse-Width Modulation) with 6.00 MHz base clock originally, but most of automotive customers use 6.291 MHz, and physical layer is a pair of differential...

Instructions per second

5 MIPS [9] Archived 2015-06-09 at the Wayback Machine) each Sega System 16: Hitachi-Motorola 68000 @ 10 MHz (1.75 MIPS), NEC-Zilog Z80 @ 4 MHz (0.58 MIPS)

Instructions per second (IPS) is a measure of a computer's processor speed. For complex instruction set computers (CISCs), different instructions take different amounts of time, so the value measured depends on the instruction mix; even for comparing processors in the same family the IPS measurement can be problematic. Many reported IPS values have represented "peak" execution rates on artificial instruction sequences with few branches and no cache contention, whereas realistic workloads typically lead to significantly lower IPS values. Memory hierarchy also greatly affects processor performance, an issue barely considered in IPS calculations. Because of these problems, synthetic benchmarks such as Dhrystone are now generally used to estimate computer performance in commonly used applications...

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