

Advant Station 140 Engineering Station



Advant Station 140 Series Engineering Station is a portable computer, based on IBM PC-compatible personal computers, suitable for industrial environments and satisfies the Advant OCS environmental specifications as stated in the Advant OCS Overview Product Guide.

Advant Station 140 Engineering Station is ready to use for on- and off-line configuration of Advant Controllers with Master Software including the function Flash Card Read and Write for Advant Controller 400 Series Flash Cards under Windows 2000.

Advant Station 140 Series Engineering Stations contain Windows 2000 Professional as well as Control Builder A with AMPL PC and DB Element Libraries software already installed. Advant Station 140 Engineering Station contains additionally the Advant Station 100 Series Engineering Board PCI and the option On-line Builder. Advant Controller 160, Advant Controller 110, Advant Controller 70 and Advant Controller 55 are connected

via a standard RS-232 PC port. All other target systems are connected via an Advant Station 100 Series Engineering Board. Cables for connection to target systems are included.

Advant Station 100 Series Engineering Stations are available in two different variants:

Advant Station 140 Engineering Station

for configuration of Advant Controller 400 Series and Advant Controller 100 Series

Advant Station 140 Engineering Station Select

for configuration of Advant Controller 100 Series, can be upgraded for configuration of Advant Controller 400 Series by an Advant Station 100 Series Engineering Board (ISA or PCI) and an On-line Builder license.



Technical data for Advant Station 140 Engineering Station

Equipment	Advant Station 140 Engineering Station and Advant Station 140 Engineering Station Select
Display, VGA- and VESA-compatible	14.1" color active TFT liquid crystal display, resolution up to 1024 x 768 pixels.
CPU	Intel-Pentium mobile PIII with 700 MHz clock frequency and 100 MHz FSB.
Memory	256 MByte.
Hard disk	6 GByte enhanced IDE.
CD-ROM drive	min. 20 x speed
Diskette drive	3.5", 1.44 MByte.
Interfaces	2 serial RS232, Parallel interface (SPP, ECP/EPP), 2 USB A interfaces, PS/2 keyboard and mouse interface, IrDA, headphone, microphone, Interface for external monitor, VGA and VESA compatible, Thin wire Ethernet Adapter with 10/100Base-T connector, Engineering board PU516 (Advant Station 140 Engineering Station only) with following communication interfaces to target system: serial and MB300
Slots	1 long ISA/PCI slot, AT format (in case of Advant Station 140 ES used by Advant Station 100 Series Engineering Board), 2 slots type I/II or 1 slot type III acc. PCMCIA Standard 2.0.
Keyboard	US keyboard, 84 keys, 12 function keys, detachable, MFII compatible, integrated trackball. Including additional German and Swedish keycaps.
System Monitoring	Temperature, voltage, battery buffer loading, clock speed.
Housing	Magnesium die cast with add-on ventilation.
Carrying bag	Included.
AC Power Supply	External power supply, for use within one of the following mains voltage ranges: 115 V +10%, -15%; 50..60 Hz ±6%, 230V +10%, -15%; 50/60 Hz ±6% 1 US cable, 1 German cable
Battery	Smart Battery 42 Wh
Cable for target system connection	Serial
Protection Class	IP 42
Case dimensions	385 mm x 301 mm x 92 mm (15.2" x 11.8" x 3.6")
Weight	6.8 kg (14.9 lb)
Software	Windows 2000 Professional, CardWare Memory Cards Support for Windows 2000, Version 1.12, Control Builder A Option On-line Builder (Advant Station 140 Engineering Station only) Demo installation of Engineer IT Engineering Studio



Automation Technology Products

SE-721 59 Västerås
Sweden
Phone +46 (0) 21342000
Fax +46 (0) 21137845
www.abb.com/processautomation
email: processautomation@se.abb.com

Automation Technology Products

29801 Euclid Avenue
Wickliffe, Ohio 44092
Phone: +1 440 585 8500
Fax: +1 440 585 8756
www.abb.com/processautomation
email: industrialitsolutions@us.abb.com

Automation Technology Products

Dudenstraße 44-46
68167 Mannheim, Germany
Phone: +49 (0) 1805 266776
Fax: +49 (0) 1805 776329
www.abb.de/processautomation
email: marketing.control-products@de.abb.com