

DOBLE ACCESSORIES

DUC™ NOTEBOOK

Notebook-Style Doble Universal Controller™

AN ULTRA RUGGED, NOTEBOOK-STYLE CONTROLLER FOR ALL YOUR TESTING

The DUC Notebook is a notebook-style Doble Universal Controller™. It is a rugged device powerful enough to operate Doble's suite of high voltage test equipment and software solutions while being tough enough to withstand the rigors of electrical field testing.

DUC Notebooks are built with the most robust materials available, including impact-resistant ultra polymers and sturdy magnesium alloy. They have been independently tested to military standards including drops up to 6 feet, as well as ingress protection, emissions and hazardous materials certifications by an accredited third-party testing facility.

These controllers feature a crisp 14" Direct-View outdoor-readable display so you can see everything clearly from bright sunlight to low light conditions. Their resistive touch screens allow you to operate the device with your gloves on.

Use the DUC Notebook as part of your field force automation and data management program.



FEATURES

- Sealed doors and compression gasketing protect your device and data
- Withstands 6' drop
- Displays are readable in sunlight and low-light conditions
- Thermal management lets you operate the device in high temperatures
- Powerful and efficient with fourth-generation Intel® processors and solid state storage
- Full shift battery life – up to 8.5 hours

BENEFITS

- Use as part of your field-force automation and data management program
- Convenient app-style interface
- Designed to automatically work with Doble software products and user administration
- One device to operate all your test software and test equipment

DUC™ NOTEBOOK TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS	
Processor	Eighth-generation Intel® Core™ i5 Quad core processor
Display	FHD WVA (1920 x 1080) , embedded touch, outdoor readable screen
Memory	32GB, 2x16GB, 2666 MHz DDR4 Non-ECC
Operating System	Windows® 10 Pro (64-bit)
Graphics	Integrated Intel UHD 620 Graphics
Storage	512GB PCIe NVMe Class 40 solid state drive
Battery	2x 3 cell (51 Whr) ExpressCharge-capable battery (total 102 Whr capacity)
Power	90W AC adapter
Multimedia	High-quality speaker, integrated noise-reducing array microphones, stereo headphone/microphone combo jack, optional integrated FHD video webcam with privacy shutter
Ports	“USB 3.0 (3), native RS-232 serial ports (2), RJ-45 gigabit Ethernet network connectors (2), stereo headphone/microphone combo jack, pogo-pin docking connector, VGA, HDMI”
Dimensions	(WxDxH) 13.96” x 10.04” x 2.02” (353.5 x 255 x 59.3 mm)
Weight	7.60lbs. (3.45 kg) when configured with a single 3-cell battery (no handle, no optical drive)
Input	Customizable RGB backlit keyboard Optional rubberized RGB backlit keyboard (English only) Resistive touchpad Resistive single-point gloved-capable touch screen

CONNECTIVITY

10/100/1000 gigabit Ethernet and triple RF-passthrough (GPS, mobile broadband and WLAN)	
Wireless LAN	Intel® Dual Band Wireless-AC 7260 (802.11ac, dual band, 2x2, up to 867 Mbps) with Bluetooth® 4.0 + vPro™
Mobile broadband	4G LTE card
GPS	Dedicated u-blox NEO-MQN GPS card

ENVIRONMENTAL SPECIFICATIONS

Energy Star 6.0, EPEAT	
MIL-STD-810G testing	Transit drop (72”, 60”, 48”; single unit; 78 drops), operating drop (36”), blowing rain, blowing dust, blowing sand, vibration, functional shock, humidity, salt fog (with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal extremes, thermal shock, freeze/thaw, tactical standby to operational
Operating thermal range	-20°F to 145°F (-29°C to 63°C)
Non-operating range	-60°F to 160°F (-51°C to 71°C)
IEC 60529 ingress protection ¹	IP-65 (dust-tight, protected against pressurized water)
Hazardous locations	ANSI/ISA.12.12.01 certification capable ¹ (Class I, Division 2, Groups A, B, C, D)
Electromagnetic interference	MIL-STD-461F certified ¹

¹ Based on testing and certification to MIL-STD-810G, IEC 60529 (IP-65), MIL-STD-461F, and ANSI/ISA.12.12.01 standards, performed and reported independently by accredited testing companies. ANSI/ISA.12.12.01 must be specified at time of order for certification.



Doble Engineering Company
 Worldwide Headquarters
 123 Felton Street, Marlborough, MA 01752 USA
 tel +1 617 926 4900 | fax +1 617 926 0528
www.doble.com

Specifications are subject to change without notice.
 Doble is ISO certified.
 Doble is an ESCO Technologies Company.
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