

# DOC<sup>TM</sup> NOTEBOOK

NOTEBOOK-STYLE DOBLE UNIVERSAL CONTROLLER<sup>TM</sup>

## A UNIVERSAL, ULTRA RUGGED CONTROLLER FOR ANY FIELD TESTING APPLICATION



### FEATURES

- Sealed doors and compression gasketing
- Withstands 6' drops
- Light-compensating display with resistive touch screen
- Thermal management
- App-style interface
- Long battery life

The Doble Universal Controller (DUC) Notebook is the ideal interface to use with the suite of Doble apparatus test systems and all other test software and test equipment, new or old and regardless of operating system.

This ultra-rugged notebook-style computer is designed to withstand the harshest conditions field workers might ever encounter and give them the reliability and performance they demand.

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 six feet, and carry ingress protection, emissions and hazardous materials certifications by an accredited third party firm.

The crisp display offers brilliant clarity whether the DUC Notebook is used in bright sunlight or low light conditions, and its resistive touch screen lets you operate it with your gloves on.

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

### BENEFITS

- Rugged design protects your device and data
- Sharp resolution in sunlight and low light conditions
- Touch operation even with gloves on
- Can be used in extreme temperatures
- Supports field force automation and strong data management—one device to operate all your test software and test equipment

# DOBLE UNIVERSAL CONTROLLER NOTEBOOKS



## TECHNICAL INFORMATION

GENERAL SPECIFICATIONS	
Processor	Intel® Core™ Processor i7-1185G7, QC, 3.0 to 4.3 GHz, 28W, vPro
Display	13.3" Touch 1400 nits WVA FHD (1920 x 1080) 100% sRGB AntiGlare, Outdoor Viewable, Stylus included English US Non-backlit Sealed Internal keyboard
Memory	32GB 4266MHz LPDDR4x
Operating System	Windows 11 Pro, English, French, Spanish
Graphics	Intel Core vPro i7-1185G7, 32GB memory, with Iris Xe Graphics
Storage	512GB PCIe NVMe Class 40 solid state drive
Batteries	Primary and Additional 3 Cell 53.5 Whr ExpressCharge Capable
Power	90W 461G Type-C EPEAT Adapter with E5 US Power Cord
Multimedia	Mic + IR FHD camera for WWAN/WLAN antennae with POGO High-quality speaker, integrated noise-reducing array microphones, stereo headphone/microphone combo jack, optional integrated FHD video webcam with privacy shutter
Ports	Additional TBT/Type-C port Additional RS-232 rear port LJUSB 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 AX210 WLAN Driver Intel AX210 Wireless Card with Bluetooth
Mobile Broadband	DW5930E w/o eSIM WWAN Card Qualcomm SDX55 5G-NR for Verizon
GPS	Dedicated u-blox NEO-MQN GPS card
ENVIRONMENTAL SPECIFICATIONS	
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 Thermal Range	-60°F to 160°F (-51°C to 71°C)
IEC 60529 Ingress Protection	IP-65 (dust-tight, protected against pressurized water)
Hazardous Locations	ANSI/ISA.12.12.01 certification capable1 (Class I, Division 2, Groups A B, C,D)
Electromagnetic Interference	MIL-STD-461 F certified <sup>1</sup>

<sup>1</sup>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.



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Doble is an ISO 9001 & ISO/IEC 17025 & 17034 Certified Company.  
Doble is an ESCO Technologies Company.  
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