

DATASHEET

NTP.NED.Micro DH

Digital Hematology



Processor	Intel® Atom™ x7-E3950 Quad Core @1.6 GHz (Burst 2.0GHz), 2MB L2 Cache, 12W TDP
Max Cores	4
Max Thread	4
Memory	RAM 8GB - Dual Channel Soldered Down DDR3L-1866 memory
Graphics	Integrated Intel® HD Graphics 500 series controller with up to 18 Execution Units Three Independent displays supported HW decoding of HEVC(H.265), H.264 HW encoding of HEVC(H.265), H.264
Video Interfaces	HDMI
Video Resolution	3840 x 2160 @30Hz
Mass Storage	32GB - eMMC 5.0 drive soldered on-board 2 x external S-ATA Gen3 Channels SD interface
Networking	Gigabit Ethernet interface Intel® I210 or I211 Controller (MAC + PHY)
USB	6 x USB 2.0 Host Ports 2 x USB 3.0 Host Ports
PCI-e	4 x PCI-e Root Ports
Audio	HD Audio interface
Serial Ports	1 x UART, TTL interface
Other Interfaces	I2C Bus LPC Bus SM Bus SPI interface Watch Dog Timer Thermal / FAN management Power Management Signals
Operating System	Microsoft® Windows 10 Enterprise (64bit) LTSC

Optic System	Optic with infinite correction of type UIS2
Illumination	LED Bianco: 18.000 cd/m2 to 35.000 cd/m2; average duration approximately 100.000 ore.
Objective revolver	Revolver with 6 positions
Magnifying objectives	1,25X; 20X; 40X and 100X Dry NoCover; optional 10X.
Power supply and Fuses	110-230Vac / 50-60 Hz PWR: 250W - Fuses 2X T1,25A
Dimension and weight	Larg. 30; Alt. 46; Prof. 42 cm – 22Kg
Environmental conditions of use	Max Relative Humidity 75% for temperature up to 31°C, linearly decreasing to 50% for temperature up to 40°C Environment temperature 15 / 40° C Voltage fluctuation not to exceed ±10%