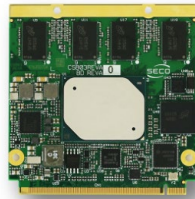


NTP.NED.Micro CPU



Q7-B03

Qseven® Rel. 2.1 compliant module with the Intel® Atom X Series, Intel® Celeron® J / N Series and Intel® Pentium® N Series (formerly Apollo Lake) Processors

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)
Operating Temperature	0°C ÷ +50°C