

WLN51

ULT

8th Gen Intel® Core™
Intel NUC 4"x4" Board



COMING SOON

KEY FEATURES



DDR4 SODIMM

Single Channel DDR4
up to 32GB 2400 MHz



Powered by Intel CPU & 4"x4" NUC board dimension

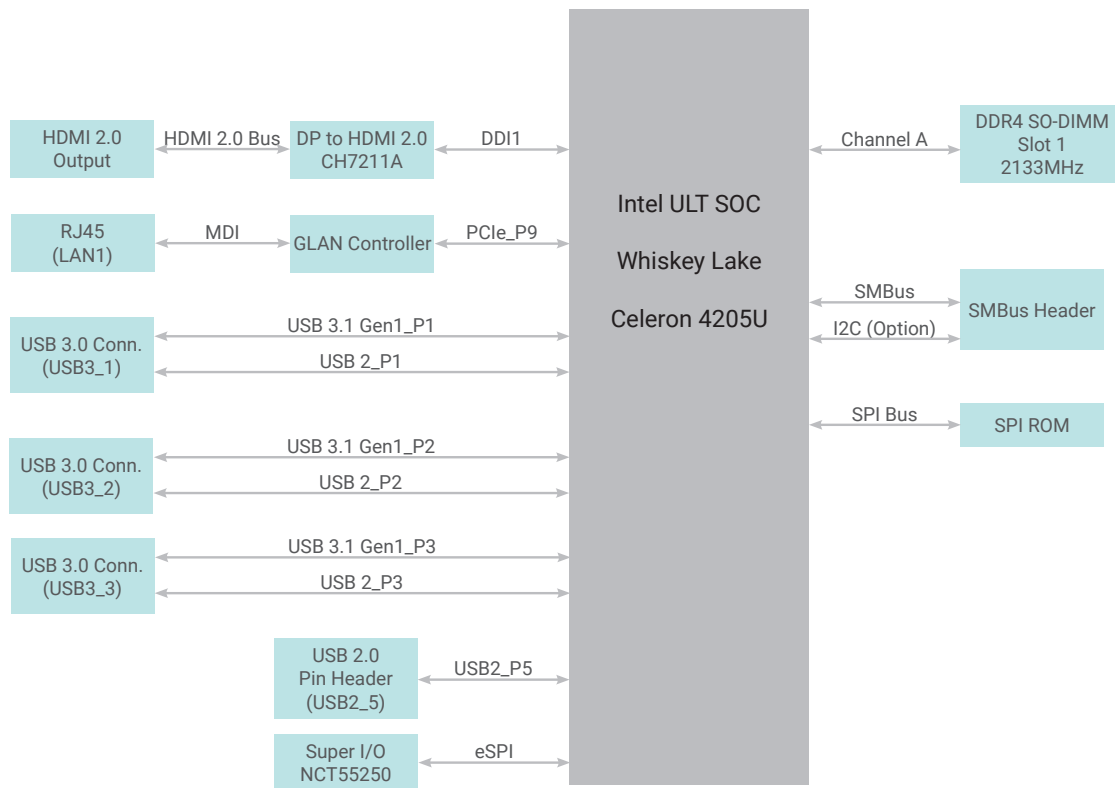
8th Gen Intel® Core™



Low Profile I/O Under 20mm

1 GbE, 1 HDMI 2.0,
3 USB 3.1, 1 USB 2.0

BLOCK DIAGRAM



MECHANICAL DRAWING

COMING SOON

SPECIFICATION

SYSTEM	Processor	8th Gen Intel® Core™ Processors Intel® Celeron® Processor 4205U (2M Cache, 1.80 GHz)(formerly Whiskey Lake)
	Chipset	Intel® Mobile Chipset
	Memory	One SODIMM up to 4GB Single Channel DDR4 2400 MHz
	BIOS	AMI SPI 128Mbit
GRAPHICS	Controller	Intel® UHD Graphics
	Feature	OpenGL 4.5, DirectX 12, OpenCL 2.1 HW Decode: MPEG2, WMV9, AVC/H264, JPEG/MJPEG, HEVC/H265, VP9, AV1 HW Encode: AVC/H264, JPEG, HEVC/H265, VP9
	Display	1 x mini HDMI 2.0b
AUDIO	Audio Codec	Via HDMI
I/O	USB	3 x USB 3.1 1 x USB 2.0
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds
STORAGE	Storage	64GB eMMC
SECURITY	TPM	Intel PTT (fTPM)
POWER	Type	12DC power input, 16 pin socket
	Consumption	TBD
OS SUPPORT	Microsoft	Windows: Windows 10 IoT Enterprise
ENVIRONMENT	Temperature	Operating: 0 to 55°C
		Storage: -40 to 85°C
	Humidity	TBD
	MTBF	TBD
MECHANISM	Dimensions	100mm x 100mm

Assured Systems

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