Silicom

Connectivity Solutions

LTE and Wi-Fi enabled Desktop Appliance \ CPE

Intel® Atom C2000 x86 Desktop Network Appliance with Wi-Fi and LTE

Product Description

Silicom's LTE and Wi-Fi enabled CPE is a low cost Mini-IXT edge device based on the Intel Atom C2000 with Sierra Wireless CAT6 LTE and Compex WLE1216V2-20 Wi-Fi for OEMs taking intelligent, virtualized CPE, security, small cell, or other edge products to market.

Technical Specifications

General Technical Specifications	
Form Factor:	Desktop system
CPU:	Intel® Atom™ C2558 (4x 2.4 GHz, 2MB cache, 15W, QuickAssist, AES-NI)
DRAM:	8GB DDR3L up to 1600MT/s, Memory down (not user expandable), ECC
Ethernet:	2x RJ45 via Intel i211 + 4x RJ45 via Intel i354 on-chip
Storage:	64GB eMMC on-board M.2 SATA SSD (Key-M) slot for expansion
I/O Connectors	USB 2.0 host (2x)
Console	Serial over Mini-USB
Wi-Fi	Compex WLE1216V2-20 with 4 antennas
LTE	Sierra Wireless MC7455 with 2 antennas
Power	12VDC locking power connector 20W max for board only, 40W including max peripheral power
Temperature	One fan required. 0-60C