LPC-490E - POWERFUL EXPANSION MINI PC WITH PCIE SLOT & MULTI GIGABIT LAN

$1,250.00 USD

Featuring a high performance Small PC with abundant network connectivity

- Powerful 8th Generation Intel® Celeron®, Pentium®, and Core™ Processors
- 10-48 VDC Operation, ideal for mobile/field
- Includes 3-Pin locking power connector and
  mobile hardware start-up and shutdown features
- Built-in 4 Gigabit LAN, 4 USB 3.0, Audio, Serial, Video
- Low Profile Rugged Aluminum Chassis
- Optional Slim DVDRW/CDRW Optical Drive
- Solid State Hard Drives (SSD) optional
- Windows 10/11, Windows 10 IoT, Server 2022, and Linux Compatible
- RoHS, CE & FCC certified

GALLERY IMAGES

PRODUCT DESCRIPTION

The LPC-490E is a high performance Mini PC featuring a single PCIe x4 Expansion Slot, as well as a multitude of I/O including 4 RJ45 Gigabit LAN ports, DVI-I and DisplayPort video ports. It is offered with a range of Intel® Coffee Lake 8th Generation Processors up to Core™ i7. All this power is packed into one tiny machine that is small enough to fit on the palm of your hand!

The LPC-490E Little PC is packed with features including a wide DC input range of 10-48V, a locking 3-Pin Power Jack, voltage power on sense (ideal for mobile applications), up to 2 Drives in a combination of 2.5" Hard Drives or Solid State Drives with onboard Raid support, an optional slim Optical Drive or removable drive, up to 64GB memory, onboard audio, and much more.

Typical applications include:

- Instrumentation and Control
- Security
- Mobile & Vehicle PC
- VPN
- Network Appliance
- Kiosk
- Data acquisition
- IoT (Internet of Things)
- Mini Servers

The LPC-490 series adds to Stealth's robust lineup of Small Form Factor Mini PCs designed to fit in space-confined areas and are ideal for demanding applications within the Industrial, Commercial, Military & Defense, Scientific Research, Public Safety, Utility, Transportation, Mining and Telecommunications markets.

ADDITIONAL INFORMATION

Processor	Intel® Celeron® G4900T (2 Cores / 2 Threads, 2.9Ghz) Intel® Pentium® Gold G5400T (2 Cores / 4 Threads, up to 3.1Ghz) Intel® Core™ i3-8100T (4 Cores / 4 Threads, 3.10Ghz) Intel® Core™ i5-8500T (6 Cores / 6 Threads, up to 3.5Ghz) Intel® Core™ i7-8700T (6 Cores / 12 Threads, up to 4.00Ghz)
Chipset	Intel® Q370 Chipset (Coffee Lake)
Memory	2x DDR4 Memory Sockets Supporting up to 64GB of RAM / Memory
Internal Storage	Optional Onboard RAID configurations (0, 1), requires multiple drives SATA III (6Gb/s and 3Gb/s) support Optional Solid State Disk Drive (SSD)
Internal Expansion Option	2 Internal Mini-PCIe expansion options (1) full sized, (1 half size)
Optical Drives	Optional 2.5" Removable Drive Bay Optional Slim DVD-RW / CD-RW (SATA)
Video	Intel® HD Graphics 610 (Intel® Celeron and Pentium Processors) Intel® HD Graphics 630 (Intel® 8th and 9th Generation Processors) Includes DVI-I & DisplayPort video ports
Networking	(1) Integrated 10/100/1000 Base-T Intel® i219LM (3) Integrated 10/100/1000 Base-T Intel® i211AT PXE (Pre-Boot Execution Environment) Support WoL (Wake On Lan) Support Optional 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) Wireless Networking and Bluetooth 4.0, Realtek® RTL8821AE via internal Mini-PCIe
Expansion Slot(s)	1 x PCIe x4 Version 2.0 Compliant card up to 8.5"
Audio	Integrated Realtek High Definition Audio CODEC ALC892

Operating Systems	Windows Server 2022 Windows 11 (64-bit) Windows 10 (64-bit) Windows 10 IoT Enterprise Ubuntu Linux Please contact us directly for any special requirements
TPM Module	fTPM 2.0 (Firmware Trusted Platform Module), provides increased hardware security.
Chassis Description	Low Profile Rugged Aluminum Chassis
Power Input	10 – 48V DC Input Dinkle 5ESDAM-03 Mating Connector Rear Locking 3-Pin power Jack ideal for mobile applications No External AC Adapter included (optional AC supply available)
Included with System	Dinkle 5ESDAM-03P Mating DC Connector DVI to VGA Adapter 4 Rubber Feet Wall Mount Bracket * NOTE: Subject to change without notice
Rear Panel	(2) USB 3.1 Gen 2 Ports 2 PS/2 ports for Keyboard & Mouse 2x RS232 COM port 1x Gigabit RJ45 Network connection Audio Line-Out Jack 1x DVI-I video connector 1x DisplayPort video connector Locking 3-Pin DC Power Input Jack
Front Panel	(4) USB 3.1 Gen 2 Ports 3 x 10/100/1000 RJ45 Network connections Microphone Input Jack Hard Drive indication LED Power LED Light Power-on button Reset button
Dimensions	5.81" x 10.00" x 2.83" (147.6mm x 254.1mm x 71.8mm) [W x D x H]
Environmental	Operating Temperature: 0 – 40C (32 to 104 F) Storage Temperature: -20 to 60C Relative Humidity: 20% ~ 90% (Operating & Non-Operating)
Warranty	2 Year limited Warranty, Standard 1 Year Extended Warranty available (see Configurator/Price List)

Disclaimer

Note: Specifications are subject to change without notice.