

MaxPac[®] 8050A

Entry-level rugged workstation



An entry level rugged workstation for users requiring performance and capabilities that stretch beyond the limitations of rugged notebooks or laptop computers

The MaxPac[®] A-Class workstations have “desert proven” air filtration systems and sufficient airflow for operation in 0 to 50°C environments. Additionally, users can choose between high resolution 1280 x 1024 17” LCD displays with or without resistive touch screen capability. When packed in the optional Pelican[®] 1610 transit case, the MaxPac A-Class meets MIL-STD 810G requirements for -40°C to 70°C, rain, dust, sand, salt fog, vibration (e.g., from two-wheel trailers), and drops up to 30”. Supports two PCI-E option slots for graphics or data collection, and up to four removable 2.5” HDDs or SSDs.

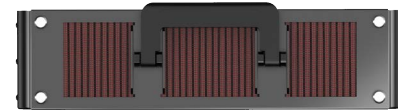
MaxPac[®] 8050A

Processor	Intel Core i7-4770S 3.1/3.9GHz Turbo (4-core, 8-thread, 8MB cache). Other processors available upon request.
Motherboard	MSI Z97M-G43 (4th generation Intel Core), features Haswell technology using LGA 1150 processors with up to 32GB memory.
Memory	Up to 32GB DDR3 1333 non-ECC.
LCD Display Size	17" 1280 x 1024 display.
LCD Monitor Specifications	Viewing angle: 160°H/160°V; Contrast Ratio: 1000:1; Response Time: 8ms; 300nits; 16.7 million colors.
Video Interface (std)	VGA for integrated LCD. HDMI, DP and DVI-D for external connect.
Video Controller Options	Integrated Intel HD4600 graphics (optional nVidia Quadro K2000 or GTX750ti).
Std I/O Interface	Integrated GbE; two USB 3.0; six USB 2.0; HDMI display port; VGA; DVI-D; and audio speaker.
PCI-E Expansion Slots	One PCI-E 3.0 x16 and one PCI-E 2.0 x16(4) plus M.2 internal SSD
PCI-E Slot Lengths	9 to 13" depending on disk configuration.
Removable Hard Drive	Up to two dual 2.5" drive removable magazines (four drives maximum). HDD or SSD up to 1TB per drive available.
Optical Drive Options	DVD/CD or Blu-ray reader/writer.
Video Projection Ports	DVI-I or display port (with optional PCI-E graphics).
Power Supply	300Watts; 90 to 264VAC; 50/60Hz.
Software OS	Windows 7 Pro (standard); Windows 8.1 Pro, Microsoft Server 2012 or Linux (available upon request, call for your particular needs).
Size Closed	16"W x 16.3"H x 5.4"D.
Size Open (tilted)	16"W x 16.3"H x 8"D.
Environmental	0 to 50°C operating temperature and 10 to 90% relative humidity.
Transit Case (optional)	Pelican 1610 with custom polyethylene foam.

Patented "box-in-box" design protects internal system from shock and vibration.



"Desert proven" air filtration system eliminates nearly all dust particles.



Tool-less removable 2.5" SATA disk drives.



Feature-rich I/O and expansion card slot for maximum connectivity and utility.



Pelican 1610
Transit Case

While Rugged Portable Computers LLC uses reasonable effort to ensure that this information is accurate and up-to-date, the information may contain factual or typographical errors. Rugged Portable Computers LLC makes no warranties or representation as to the accuracy of such information. The information and products may be changed at any time without prior notification or obligation. Rugged Portable Computers LLC © Copyright 2014.