

Polywell Storage

High Performance iSCSI/SAN/NAS Cloud



Model: NetDisk 3016B 3U 16 SATA Swap HD NAS/iSCSI Dual LAN, mSATA, RAID-5/6



Featured Highlights

- **Dimensions:** 17.2(W)x20.8(D)x5.25(H) inch
- Intel® Pentium, Core i7/i5/i3, Celeron or Xeon processor
- 16 x SATA-II RAID-5/6 Swap 3.5" HD
- Dual Intel® Gigabit LAN with bonding supported
- 2 x mSATA SSD for OS, plus 3.5" or 2.5" HD
- Serial Console ports
- DP Graphics Port
- USB 3.0 and 2.0 ports
- Two PCIe 8x Slots
- **OS:** Windows Server 2012, 2008, 2000, Windows 8, 7, XP, Embedded, Linux: CentOS, Ubuntu, FreeBSD
- **Application:** Surveillance, SMB Storage, Archive, Data Backup

Specifications

<p>Processor</p> <ul style="list-style-type: none"> • Intel® Core™ i3/i5/i7 Pentium, Celeron or Xeon 	<p>I/O</p> <ul style="list-style-type: none"> • 1 x rear DB9 female RS-232 Port for console
<p>LAN</p> <ul style="list-style-type: none"> • Intel® Z77 • Optional C216 	<p>USB</p> <ul style="list-style-type: none"> • Two USB 3.0 ports via back panel • Two USB 2.0 ports via front panel
<p>Main Memory</p> <ul style="list-style-type: none"> • Four 240-pin DIMM connectors supporting dual-channel memory. • Maximum system memory up to 32GB • ECC memory supported with C216 SKU 	<p>BIOS</p> <ul style="list-style-type: none"> • AMI®
<p>Expansion capabilities</p> <ul style="list-style-type: none"> • Two PCIe 8x • One full size Mini PCIe supports mSATA 	<p>OS Supported</p> <ul style="list-style-type: none"> • Win Server 2012, 2008, 2000, Win 8, 7, XP, Linux: CentOS, Ubuntu, FreeBSD, Solaris
<p>Graphics</p> <ul style="list-style-type: none"> • 2 HDMI Ports • DP Ports • Optional VGA port for console 	<p>Chassis</p> <ul style="list-style-type: none"> • 3U Rackmount Case • Dimension: 17.2(W)x20.8(D)x5.25(H) inch • Weight: 48 lb Net, • 56 lb. Dimension weight with packaging • 16 x3.5" Swap bays, 1 x Internal 2.5" Bay + one mSATA slot for SSD • UR, CE, FCC certified 550W 110-220V AC PSU
<p>Storage</p> <ul style="list-style-type: none"> • 2 mSATA through mini PCIe full size slot for OS • 16 x SATA-III for Hot Swap Storage Hard Drives (Marvell 9215) up to 96TB 	<p>Application</p> <ul style="list-style-type: none"> • Surveillance, SMB Storage, Servers
<p>LAN</p> <ul style="list-style-type: none"> • 2 x Intel® Pro 10/100/1000 Ethernet (2 x 82574L). • Bonding supported • Optional 5 Gigabit LAN with C216 SKU (4 x Intel 82574L + 1 82579LM supports AMT) 	<p>Environment</p> <ul style="list-style-type: none"> • Operating Temperature: 0 to +55 °C • Non operating temperature: -20 to +70 °C